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Title word cross-reference

1 [BRY+09, DPK+05, GSiK+09, SWH+06, Wil09a]. 2 [Wil09a]. 23 [MRD+08]. 3 [AWM+08, CCL+08, FKML+06, GdTAR07, HSTM06, LFL+05, MCF+05, MES+08, MAK+06, Wil09a, XSVGR05]. 4 [BSA+08, CHCB05, GMM+08, LPA+07, PWW+09, SHDT05, WSB+09]. 5 [CYC+06, LPA+07]. + [CULS+07, FKN+07, HFP+05, HMR+07, KWS+08, Ras08a, Rob08o, SSD+09, pTyLZ+09]. −/− [GHDS+07, THN+06]. 2+ [BSMT05, CZD+09, CLK+07, CSB+06, FM05, GRC+05, HJ06, HSK+05, HPH+05, ITG+08, JBL+07, LeB06-57, LeB06-75, LWG+05, LWBL06, LGG+05, Mel08a, Mua05, NJS+06, OFY+05, RDY+05, RMP06, SFEK07, SBV+06, pTyLZ+09, WBK+06, Wel05-44, WNF+05b, WBLL06, XLH+07, ZDMD06]. 307 [NEF+06]. ARF [NCB+08, NCB+09, MZH+08]. βTrCP [FBJB+09]. Cdc55 [CRLP07]. Cdh1 [FBJB+09, KST+07, MVC+07]. fyn [BLS+05, SSLS05]. Glued [JRZ+07, LSC+06a, RKvdK+09]. Ink4a [YTH+09]. S [ASK+09, CWM+09, Wil09k]. Shc [MMW+07]. Slimb [RRR+09]. 1 [TDP+06]. 2 [BWJ05, BHG+05, DTW06, GC05, IPAR05, KNKH06, MPS+07, MM05,

SMH+09, SCK+07, VBSM06, Wil07-47, vRSvR+07]. $_3$
[FLA+08, HHFC06, MHM+05, SKO+06, SFEK07, TDT+08]. $_6$ [SMWdV09].
$_{CS}$ [UWiY+07]. $_{EL}$ [XJF05]. $_{i\alpha}$ [CK07]. $_L$ [BbCQ+09, KPM05]. $_o$ [BKE+07].
$_S$ [WPH+07, FNH+05]. $_V$ [TGRD09, CZD+09, LPB+08, XLH+07]. α
[AXM+05, BZHA+08, BBM+08, BLS+05, BSL+08, BBG+05, CPAH08,
CNM+05, CCL+08, CZD+09, CSM+06, CC09, CSL+05, DNG+06, DVF+06,
ERM+09b, EVH+08, FHNG05, FHO+05, FCDM+07, GHX+07, GPN+06,
GGMBF08, GPC+06, GCS+07, GBNS07, HOM+05, HLL+08, HCRT08,
JTN+05, KBY+08, KKW+09, KBC+07b, LLH+09, LMC+09, LGV08,
LLC+08, LCL+05, MWMS07, MKH+07, MYZ+09, MBL+07, NEF+06,
NSM+09, NRJ+09, OMF+05, PDM+08, PHB+07, PMK+05, PZG+07,
RSL06, RM05b, SSD+09, SOR06, SCM+07, SLZ+06, SGKP+07a, SGKP+07b,
SFS+07, TKB+06, TPZG06, Tum05-71, UFY+07, VCC+08, WBC+06,
WWX+06, WBP+08, WCR+05, WCN07, XMA+09, YM09, YLM+06b,
ZKR+07, vKST+07]. α_1 [LYV+08, NRW+08]. $\alpha_{12/13}$ [LSC+05]. $\alpha_{12/13}$
[LCS+09]. α_4 [AFM+05]. $\alpha_4\beta_1$ [AFM+05, EVH+07]. $\alpha_5\beta_1$ [BMR+08]. α_e
[EFG+05]. α_i [GRC+05]. α_{IIb} [SZX08]. β
[AXM+05, AJR+09, AM05b, ADC+07, ABY+08, BRKR06, BFG+06b,
BCT06, BMRP07, CTGVGFF08, CNM+05, CCL+08, CCM+07, CTP+09,
CSL+05, CML+06, DRD+05, EVH+08, FHNG05, FFW+07, qGyWX+08,
GCSG+05, GG06, GDA+08, HWN+07, HOM+05, HJB07, HZL+07,
HFvdV+05, JGAS08, JRZ+07, JKW+09, JTN+05, JLG+06, KBY+08,
KKW+09, KKB+06, KTI+05, KKES05, KKRP05, KLV+08, KLG+09, LD07,
LeB05-75, LeB05-69, LZL+05, LPN+08, Les07-38, Les09s, LMHT08, LPF+06,
LCB+08, LLC+08, MFS+09, MCA+06, MSM+07, Miz05, MM05, NLC+05,
NPV+07, NZQ+07, NWR+08, PCR+07, PCG+05, PAV+06, dJPAW+09,
PST+06, RHMW+05, RKN+07, RM05b, SBC+05, SMH+09, SCD+08,
SHX+07, Sho09z, Sho09-52, SHjC+07, SNG+05, SLZ+06, SLK+08, SOC+07,
TTO+08, TKB+06, TVP+06, Tum05d, WBP+08, WCR+05, WCN07,
WRMH07, WWS05b, WWC+07, XMA+09, XYC+07, YM06, YMD+07,
YOHR07, YCK+05, YLM+06b, ZKR+07, tKJCH06]. β_1
[MFBG+08, OKN06, SDN+05b]. β_2 [WPL+06, XLH+07]. β_3
[FMM+08, MQWP08, SZX08]. β_4 [XLH+07]. β_e [EFG+05]. δ
[BTD+07, BLT09b, CTP+09, MSM+07, Sho09-52]. ϵ [KBW+06, NYI+05b]. η
[AM05b]. γ
[AM05b, BDS+08, BVS+09, DMDO08, GLS+09, HRB+06, IDTT+09, JSPT05,
KKC+07, KKD+07, KTA+06, LVL+05, LBS+08, LHRP05, LBC+07, MYZ+09,
MDET08, NEF+06, PGO+07, SDDV05, STG05, Sho09a, SRD+07, SZX08,
SLWA07, SFEK07, TMAL+06, Tum06-27, VCD+06, ZCJ+08, vKST+07]. κ
[BWL+08, BAR+05, CWC+07, GBNS07, KBW+06, LDVV06, LHM+09,
OSB+05, PGP+07, RRA+09, SLZ+06, STL+07, TCW+06, Tum05t, ZTKK05].
μ [GSW+08, HGJ06, LBC+07]. ζ
[BFP+07, EMMN+05, KNT+07, MWY+09, MDW05].

-3 [VKR+09]. **-4** [CYO+09]. **-8** [YBT+05]. **-AAA** [ERM+09a]. **-actin** [MCA+06, NRJ+09]. **-adrenoceptor** [SHX+07]. **-amyloid** [KKB+06, YCK+05]. **-antitrypsin** [NRW+08]. **-arrestins** [PCR+07]. **-barrel** [HWN+07]. **-binding** [GG06]. **-Catenin** [RHMW+05, BRKR06, qGyWX+08, GCSG+05, HFvdV+05, KKW+09, LeB05-75, LPN+08, Les09s, LMHT08, LCB+08, MFS+09, Tum05d, dJPAW+09]. **-conjugated** [MAK+06]. **-cytoplasmic** [AFM+05]. **-dependent** [AFM+05, GSiK+09, GLS+09, MWY+09, BSMT05, BRY+09, GC05, ITG+08, LGG+05, WWX+06]. **-dystroglycan** [RKN+07]. **-EF1** [BLT09b]. **-H2AX** [KKD+07, LBS+08]. **-helical** [SGKP+07a, SGKP+07b]. **-Herpesvirus** [DNG+06]. **-independent** [FHNG05, LRS05, SSHW09]. **-induced** [MDET08, NEF+06, HLL+08, LD07, PDM+08, WPH+07]. **-inducible** [LLH+09]. **-integrin** [MFBG+08]. **-kinase** [BSA+08, CHCB05, LPA+07, LFL+05, MCF+05, PWW+09, SHDT05, WSB+09]. **-lamin** [PHB+07]. **-mediated** [FHO+05, BSL+08, LMC+09, FBJB+09, OFY+05]. **-MKK4-JNK** [SLZ+06]. **-p53** [MZH+08, NCB+08, NCB+09]. **-phosphate** [AWM+08, LPA+07, MES+08, SWH+06]. **-Pix** [tKJCH06]. **-related** [PRB+09]. **-rich** [MPS+07]. **-secretase** [KKC+07, SRD+07]. **-secretase-mediated** [IDTT+09]. **-site** [PCG+05]. **-smooth** [GPC+06]. **-spectrin** [HJB07]. **-Syntrophin** [LCL+05]. **-synuclein** [FCDM+07]. **-terminal** [BWJ05, KNKH06, MM05, VBSM06]. **-TrCP-dependent** [SCD+08]. **-triggered** [HJ06]. **-Tubulin** [BVS+09, HRB+06, JSPT05, STG05, Tum06-27, VCD+06, ZCJ+08]. **-tubulin-mediated** [DMDO08]. **-TuRC** [Sho09a, VCD+06].

/BMP [XYC+07]. **/BMP-activated** [XYC+07]. **/Ca** [pTyLZ+09]. **/calmodulin** [FM05]. **/g** [RSS+09]. **/H** [SSD+09]. **/NF** [GBNS07]. **/NF-** [GBNS07]. **/NSF** [JWSS05]. **/NSF-independent** [JWSS05].

1 [AHM+05, BCJ+07, BAR+08, BMB+07, CHSV07, CPAH08, CNM+05, CCM+07, CMF08, CTP+09, CBIO05, DPD+09, DXC+09, DP06, DHT+09, DPMB+07, DGP+05, EPV+05, FHNG05, FVSC08, GG06, GEH+07, GNPC+08, GGEd+07, HAAHD05, HCB+08, IUT+07, KZC+08, KHW+07, KHW+09, KKRP05, KDD+09, LCO07, LeB06-49, LDGK08, LCvD+08, LLH+09, LCT+09, LSdWL07, LFL+05, MLV09, MFBG+08, MDH+06, NEF+06, NSM+09, NKK+06, OOS07, OOS09, OBY+06, OLC+07, PXD+07, PMK+05, PVM+05, PST+06, PZG+07, SSS+08a, Sed09g, Sho09-50, SCS+05, SRD+07, SiTT+08, Tum05-52, WNL+09, Wel06t, Wil07-41, Wil09n, WRMH07, WSFD07, XJF05, YWEK08, yYMM05, YMD+07, vKST+07, TSN+06]. **1-dependent** [KKW+09]. **1-integrin** [BMRP07, SHjC+07]. **1-integrins** [PAV+06]. **1-mediated** [HOM+05]. **1-null** [YMD+07]. **1/** [GHSG07, KHW+07, KHW+09]. **1/clathrin** [LRCH+05]. **1/Mfn1** [RLDC09]. **10** [GEP08, WOWB08]. **10-SNARE** [GEP08]. **108/** [SHL+09]. **12** [LeB07-60, MSLS07, ZRH+09]. **12R** [EFM+07]. **12R-lipoxygenase**

[EFM+07]. **13s** [TAM+06]. **14** [DOVD08]. **14-3-3** [FHO+05, KRZ+08, LMHT08, STMG05]. **17/20** [YWW+08]. **170** [BKLT+08, DvCvH+08, LHL+08]. **19** [SHL+09]. **1a** [MT07]. **1b** [WAW08, ASHD+05, API+07, FSP+07, LBC+07]. **1C** [HK06, Pow06j]. **1f** [RKN+07]. **1R** [XKYW07].

2 [BRY+09, DXC+08, DSBK09, FBY+06, GGO+09, GNPC+08, LOG+06, LPN+08, LLHH07, MQWP08, MKB+09, MDET08, MSSF05, MGH+09, MKV+09, NBB+09, OOY+06, OLLG05, OBY+06, RLDC09, SBF+06, SHL+09, THN+06, UDC+07, WPWF08, WZC+08, WPH+07, WKC+09, WF05, WF07, ZDMD06, WBC+06]. **2-** [AM05b, HGJ06, RLDC09]. **2/** [AM05b]. **2/ErbB** [BHJ+05]. **2/HspA2** [SMM+08a]. **20/Sema2** [WZC+08]. **2005** [LK06]. **2006** [Wel06o, WL07]. **2007** [LW08]. **2008** [dSW09]. **206** [KLS+06, RGA+06]. **20h** [BGJ+07]. **25K/** [SLK+08]. **2A** [PPK08]. **2C** [KTA+06]. **2J** [HLJ+07, JLB+05].

3 [AXM+05, BFG+06b, CM06, FIK+20, IEGV06, LeB06-53, LBI+08, MXR+05, OOY+06, OFfL+07, POCS+06, RXA+08, RP05, SBF+06, SBMP05, dGSWW+06, SWH+06, WBP+08, WLK+05, XMA+09, YLM+06b, BHJ+05]. **3-integrin** [SMH+09]. **3/Opa1** [RLDC09]. **35** [SBJ+07]. **367a** [Wil06d]. **3F3** [WF05, WF07]. **3F3/2** [WF05, WF07]. **3K** [LCT+09]. **3R** [DRD+05]. **3T3** [LLS+09]. **3T3-L1** [LLS+09]. **3'UTR** [CTS+05].

4 [BRM+07, DMDO08, DGZ+05, ERM+09b]. **4.1** [KHW+07, KHW+09]. **40S** [ZWO+09]. **43** [LH05, RBC05]. **45** [LLH+07]. **48th** [dSW09]. **4D** [OKN06]. **4D/Plexin** [OKN06]. **4E** [FBD+05b]. **4GalNAcTB** [JKW+09]. **4K** [PST+06].

5 [FLA+08, FIK+05, LeB07-28, LCT+09, MB07, RYD08, TSN+07, Wil07v]. **5-** [SDB+05]. **5'-6'-epoxyeicosatrienoic** [FLA+08]. **5-bisphosphate** [JKKM08, VTRB06, vZPG+07]. **5-MCDE** [LCT+09]. **5-triphosphate** [LMC+09]. **5-trisphosphate** [HPH+05, MuMI+06, dCD+07]. **5/** [HOH+07]. **53** [NRW+08]. **53BP1** [BJLM+05, MDWH+08, TNS07]. **5P** [DTW06].

6 [FLA+08, DXC+08, MKH+07, MWSK06, SSM+08, VSG09]. **6-Å** [MWSK06]. **60S** [KOVP09, KRPH08, LSD+06].

7 [WGL+06]. **70** [IKZ+07, KFK+05]. **70-kD** [KFK+05].

8 [FTB+09, Sco08]. **84** [BMSJ07, JMG+06].

9 [RLDC09, SD07]. **9-1-1** [YM09]. **9-Å** [SD07]. **95** [NBS+08, NFI+09, Wil08r]. **98** [MQL+06].

= [LeB05-107, Rob07g, Rob08-36].

A-type [AG09]. **A/C** [GNPC+08, MDL+09, Sed09f]. **A/C-mediated** [MDL+09]. **A2** [PWM+06a, WGKA+08, vKGK07]. **A2-dependent** [WGKA+08]. **A30P** [FCDM+07]. **A7** [JGL+06]. **AAA** [ADD+06, ERM+09a, GD05, HMR+07, KRPH08]. **Aberrant** [DNK+05, SS07]. **ability** [GSB+06a]. **Abl** [HWJ+08, NNS+08]. **Abl-** [NNS+08]. **Ablation** [NLC+05, BvRJ+05, HJK+06]. **Abnormal** [LHS+05]. **abrogate** [BvRJ+05]. **abrogated** [HOH+07]. **Absence** [YMD+07, DG05, HYB08, KYK+06, MKB+09, OLH+08, SIL+07, SRXvdK06, WSS+06]. **Abundance** [Rob08a, MBF+07, MBF+08]. **abundant** [KOKM07]. **Abuzz** [Sed08b]. **ACA** [DKR+06]. **ACAP1** [LPB+07]. **ACAP1-containing** [LPB+07]. **accelerate** [KR07]. **accelerates** [SMM+08a]. **access** [BZA+06, Ros05, Wil08k]. **accessible** [CDW+05]. **accessories** [Mat06]. **accompanies** [DNK+05]. **accomplices** [Sed07g]. **according** [SLP+06, ZDMD06]. **accumulate** [WBLL06]. **accumulates** [MAG+08]. **Accumulation** [NRD+06, JMM+06, KP08, NNK+08, RMKS08, WZCB+06, ZKG+08]. **Accuracy** [Wat09]. **acentrosomal** [CBIO05, MFC+09, RYN05]. **Acetylate** [LeB06a]. **Acetylation** [LWC09, iHBD08, KCD+06a]. **acetylcholine** [HCRT08, KBC+08]. **acetyltransferase** [HCK+07]. **achieve** [Les07-30]. **Achlorhydria** [TKH+05]. **acid** [BPL+05, BW08, FLA+08, KGL07, ML05, PRZ+08, RCM+09, SKM+08, SB09, ZJH08]. **acids** [WHR+09, WEL+07n]. **acinar** [HOH+08]. **acini** [PH07]. **acquisition** [Nor06]. **Acrobatic** [LeB07a]. **across** [AACS+06, BYMB06, Les08-29, Ros08c, WC07a]. **act** [BYK08, GNL+06, JNHB08, KGKV07, Les07-79, Sho09f, Ter06, WPWF08, WHB+07]. **Actin** [Bon05a, Bon05b, CCL+05, DOS+07, KCMB08, LeB05a, LeB07b, LSM+05, Les08a, MTH+06, Pow05a, Pow05b, Rob08b, SSK+09, THL+06, Tum05-77, Tum06a, Wil07a, YWJ+07, vBDF+09, ACsHS08, BRH05, BMS+08, Bon05g, BKBM06, CM07, CAR+08, CHCB05, CHCM06, FBD+08, GSJ+08, GMG+07, GPC+06, GFD+05, HJK+06, HdL06, HAN+09, HL06, HLS+09, HLP06, HWS+07, KRZ+08, KOM07, KOKM07, KCOS06, LeB05b, LeB06-68, LeB07-38, LeB08-30, LeB08-36, LBI+08, LSNY08, Les07d, Les09g, LHL+08, LCS+09, MT07, MCA+06, MMS07, NAS08, NRJ+09, OD07, POGL08, Ped08, PV06, QHB+07, RKH+09, RXA+08, RKK09, SHS+09, SRN+07, SDB+05, SOR06, SOR+05, STU+08, SBMP05, SS09, SKO+06, SCK+07, SMG07, TMI07, TSALS05, TSP08, TSS+06, Tum05-31, Tum05-41, VLFA+07, Wel06-39, Wel06-41, Wil08a, WOWB08, YHJ+05, ZHI+08, Wil07b, NHK+08, SJL+07]. **Actin-** [LSM+05, KCOS06]. **actin-based** [VLFA+07]. **Actin-dependent** [DOS+07, SCK+07]. **actin-depolymerizing** [POGL08]. **actin-mediated** [OD07]. **Actin-myosin** [CCL+05, Tum05-77]. **acting** [MB07]. **Action** [vDVM+09, BPL+08, CFBM05, HKIY09, HGK+06, Kat06d, Les06a, LWL08a, LWL08b, POCS+06, RvVM+08, Wel06-69, Wil07-57]. **actions**

[HWJ+08, Wil08r]. **activate** [ALB+09, BCJ+07, IH05, JTN+05, LNG+05, QU08, SKE+05, SSLS05, SMM08b]. **activated** [CCC+05, FBY+06, KCOS06, LeB05-31, LLL+06, MDET08, MBF+07, MBF+08, OSS+07, RG06a, WMT07, XYC+07, YCK+05]. **activates** [BKHR05, BCT06, CGLC+08, CC09, EYB+06, FBY+06, KPM05, KKRP05, NZQ+07, SS07, WRMH07, YMCT08, vRSvR+07]. **Activating** [Tum06b, CKG+08, GSH+08, LKL+05, MAH+05, NMO+07, ZDD+06, FHS+07a, KBN+06, TGH+07]. **Activation** [GGMBF08, JRZ+07, MGBH+06, RP05, TKB+06, TSN+07, Tom08, WGKA+08, AWR+07, BAR+05, BLS+05, CLK+07, CML+06, DMBF+07, DPL+08, DRD+05, DP07, ERM+09b, FHNG05, FvD08, FPP+08, GGO+09, GCF+05, GG06, GPJ+06, HOH+08, HSB+07, KSK+06, LDVV06, LD07, LeB07-41, LC08b, LWC09, LLJ+05, LSC+07, LYWK08, LTDH05, LWBL06, LLC+08, MKB+09, MRO+05, MLHS06, NRD+06, NNS+08, OYKY+05, OSB+05, OSS+07, OTM+07, PGP+07, PG06, PhXD+06, PRK+07, PRK+09, PCPW08, PFGSV06, ROKG08, RMKS08, SBM+07, SYKM08, SSD06, SLV+07, SFS+07, TTYH09, pTyLZ+09, VLK+08, VDA+08, VMKW+08, Wel06-56, XJF05, XNM+09, YKH+08, YMD+07, YSB+07, Yu06, YLM+06b, ZDMD06, dCD+07, tKJCH06]. **Activation-dependent** [MGBH+06]. **activator** [FNH+05, HOM+05, KRP+09, KNT+06, MQWP08, MRO+05, YOSM06]. **Active** [Les06b, PNO+09, BBvD05, BB05, BLR+06, BGdN+08, CSSvM08, DOS+07, FOW+09, HFvdV+05, LeB05-75, LeB08x, MCD+07, PFD06, SPS+08, SWB+07, XC08]. **activities** [FMD+09, OYM+09, YN07]. **Activity** [CTS+06a, LRS05, MFS+09, AFV+05, ASK+09, BMS+08, BFP+07, BSL+08, CBK+06, CZD+09, CSMP+09, CG06, CLK+07, CWM+09, Dal09, DGSN06, DS07, ERM+09b, EFG+05, FKN+07, GNPC+08, GDA+08, GHK+09, HBK+06, HOH+07, HCK+07, HF06, IDTT+09, JLL+07, KBY+08, KTI+05, LPWP+07, LeB06z, Les06f, LMHT08, LWHC08, LYY08, LMC+09, LSdWL07, LLT+08, LCS+09, MYO+05, MS09, MM08, MGR+05, NLL+06, NSM+09, NTY+05, NFI+09, OKN06, PPBF08, PEW+05, RKT+07, Sed08e, SOR06, SDD+07, SIL+07, SKR+07, SSK+09, SLNS06, TST08, TMI07, ToMY+08, VWK+06, WMM+09, WMS+06, WWO+08, WL09a, WSB+06, WBG+08, WKC+09, WVB07, XOV+09, YMC05, ZPGB+07, ZKG+08]. **Activity-dependent** [LRS05, SLNS06]. **activity-independent** [MM08]. **activity-sensitive** [NFI+09]. **acto** [IGFG+08]. **acto/myosin** [IGFG+08]. **actomyosin** [HYB08, STK+05, dRKD+05]. **acts** [BIH+05, BIH+07, CSM+06, DTW06, HEW07, JMB+07, LR05, PKK09, Rou08, RRA+09]. **acutely** [RCM+09]. **Acyl** [LeB05c, FHFB+06]. **acylated** [CNMM+06]. **acylglycerol** [BPL+05]. **acyltransferase** [SB09, SSSL05]. **ADAM12** [ADC+07]. **ADAM17** [WPC+08]. **Adaptation** [BXN+06]. **adapted** [DSH+07]. **adapter** [SSSB07, yYMM05]. **adaptin** [GSW+08, LBC+07]. **adaptive** [MFBG+08]. **Adaptor** [Tum05a, FN06, GHX+07, JWG+07, MDW05, Wel06j]. **ADAR2** [VBL+05].

ADAR2-mediated [VBL+05]. **addition** [DMDO08]. **adds** [Sho08]. **Adenovirus** [CC09, HAT+05b, SCM+07]. **adenylation** [HOZ+09]. **adenylyl** [TDT+08]. **Aderem** [LeB08b]. **ADF** [WHB+07, vBDF+09]. **ADF/cofilin** [WHB+07, vBDF+09]. **Adherens** [Gra07, DP08, HT08, IUT+07, LBC+07, MMH09, SHS+09, WL09a, WL09b, Wel06-68]. **adherent** [BZYM+08, Wil07-64]. **Adhering** [Sho09b]. **adhesin** [OHH+06]. **adhesion** [AS06, AFM+05, BZYM+08, BMR+08, BMK+07, CCH09, CG06, EBMG09, GLBS06, GFH+06, GJL+08, GPC+06, GPJ+06, HWS+07, JS07, JLM+07, JLL+07, KTN07, LMM+09, LeB05a, LeB05-77, LeB05-108, LeB08a, LSdWL07, LLT+08, LYK+06, LLC+08, MFA+07, MFS+09, MRKH05, MKV+09, NWB+06, NN07a, OFY+05, OPT+07, PR05, PAV+06, PT07, PLR+06, QCGM05, RHMW+05, SMSPK08, SRN+07, SPA+05, SWI06, TSP08, Tum05-74, VMZW+07a, VMZW+07b, Wel07j, Wil08p, WKIKG09, YN07, ZHI+08]. **adhesion-dependent** [GPJ+06, LMM+09]. **adhesions** [GSJ+08, Les09o, TSN+06, Tum06-36, WKWL06, YHJ+05]. **adhesive** [LZ08]. **adhesome** [ZB09]. **adipocyte** [SQB+08]. **adipocytes** [WP08]. **adipogenesis** [Mel08a, Sho09-46]. **adipose** [LMZ+05]. **Adjacent** [TGH+07]. **ADP** [COB+08, LDGK08, WDWC08]. **ADP/ATP** [COB+08]. **adrenoceptor** [SHX+07]. **adrenoleukodystrophy** [GDF+05]. **adrenoleukodystrophy-related** [GDF+05]. **adult** [BP05, DCAC05, JAV+07, KCS+06, LRS05, MNF+07, NSS+08, RMZ+06, SDL+05, VMY+09, VFRJ+07, WLLF+08, WPDZ+06]. **advance** [Wel06-51]. **advances** [YKH+08]. **advantage** [LeB07p]. **aeruginosa** [KGDR+07]. **afadin** [SHS+09]. **affect** [DDH09, MLS+07, SLCB05]. **affecting** [BMRP07, FMA+09, PTF+06]. **affects** [CFH+08, EHHK09, GTB+07, MBS+08, NBM+08, OMGW+06, PLH+08, VTT+09b, Wel05n]. **affinity** [FHNG05, Kat06b, MFBG+08, TMH+06, WWS05b]. **affinity-dependent** [FHNG05]. **after** [DBK+07, EMPK+07, HFY+06, LeB08x, Rob07n, ULN+07, Wel06-46]. **again** [Pow09a]. **against** [SBC+07, Wil07l]. **age** [Les07-79, MWY+09, Wel05-61]. **age-dependent** [MWY+09]. **Aged** [Tum06c]. **agent** [OF08]. **agent-based** [OF08]. **agents** [DDO+08, MCD+07]. **aggregate** [PDM+08]. **aggregates** [BLB+05, CSSvM08, FSR+07, LeB05t, LeB06-32, MSH+05, NSS+08, WZM+08, YCR06]. **aggregation** [KL05, LSC+06a, Wel05w]. **aggresomes** [OLC+07]. **Aging** [Kat06a, BJM+06, EVF+08, MG08b, Tum06d, WBK+06]. **agonist** [WBP+08, YLM+06b]. **agonist-induced** [WBP+08, YLM+06b]. **Agrin** [MAG05, Tum05b]. **ahead** [Les07v, Rob07l, Wel05y]. **aid** [Wel06x]. **aided** [MZ08]. **AIDS** [Wel06o, AGL+08]. **ain't** [Wil08c]. **Aip1** [BKBM06, KCMB08]. **airway** [VTT+09b]. **AIS** [Les07a]. **Ajuba** [PEW+05]. **Aki1** [Les09a, NAF09]. **Akt** [BBL+08, CZD+09, DDO+08, CTS+06a, CR06, CTO+08, KRZ+08, LCT+09, NBM+08, PhXD+06, STMG05, YGW06]. **AKT-mediated** [CTS+06a, STMG05]. **Akt1** [IPG+05, SL05]. **Akt2** [IPG+05, YOS+05]. **Alan** [LeB08b]. **alarm** [LeB08f]. **Albatross** [SIS+08]. **Alberts** [Wil08h]. **Alexander** [Sho09c]. **Alien** [LeB06b]. **alignment**

[MFC+09, VMSV08, ZAM07a, ZAM07b]. **Alison** [Sed08a]. **alive** [Tum05-72, Wel05-34]. **alleles** [AMERT+07]. **alleviates** [SPT+09, SPT+21]. **allosteric** [KVS+09]. **allow** [GSHD08, LCO07]. **allowed** [Les09z]. **allows** [KKM+08]. **along** [CGS05, ÇB09, LSM+05, MEG+07, MT07, Sch08]. **alphaviruses** [ZMGC05]. **ALT** [DMBF+07]. **alteration** [FWC+07, KCOS06]. **alterations** [SNA+07]. **altered** [CMK06]. **Alternative** [SGKP+07a, SGKP+07b, GHY+05, JZN+09, Les07-36, PAM+07, SDI+06, Wil08b]. **alters** [CCH09, GFC+08, LZL+05, LLH+09]. **alveolar** [BIH+05, BIH+07]. **always** [Wil08c]. **Alzheimer** [HZL+07, LeB07-55, Les07u, Les08b, PCG+05, Rob07g, Sed07a, YCK+05]. **ameliorate** [MBL+07]. **American** [LP05, LK06, LW08, WL07, dSW09]. **amino** [KGL07, WHR+09, WEL+07n]. **amiodarone** [PKM+05]. **amiodarone-induced** [PKM+05]. **AML** [BDS+08]. **AML-associated** [BDS+08]. **ammonia** [VP05]. **amoeboid** [SSHW09]. **AMP** [BAdSG05, OFY+05, VKR+09]. **AMPA** [FTT+05]. **AMPAR** [Tum05u]. **amphibians** [AS09]. **amphiphysin** [LWL08a, LWL08b]. **AMPK** [MSK+07]. **amplification** [AAG+09, SSAD08, WCR+08, ZCJ+08]. **amplifies** [HPT+07]. **Amy** [Sed08b]. **amyloid** [GDA+08, HZL+07, KKB+06, MM05, SKO+08, YCK+05]. **amyloid-** [MM05]. **amyotrophic** [KR07, MSH+05]. **Ana3** [SDW+09]. **Analogue** [Wel06a]. **analyses** [STG05]. **Analysis** [TS06, YMTC05, BFWH07, BMBD+09, CCSBM+07, CML+06, DZW+08, EMB+08, EMD+08, GBNK08a, GBNK08b, HQF+07, LJS+09b, OIFN+07, PALW05, PGL+09, RM05b, SKM+08, SRBL06, Wil07-45, WKIKG09, WNF+05b, YCX+08]. **anaphase** [CNW+05, CCSBM+07, CRLP07, CGGT09, GHM+08, KLRS07, LeB07f, MTRJA05, MPL+07a, MOS+09, MHFH06, QU08, RW05, TST08, YKH+08]. **anaphase-promoting** [CNW+05]. **anchor** [CYO+09, DDB+05, LeB07-64, NS07, Tum05-29]. **anchorage** [BCT06, CTY+06, DRD+05, DBR09]. **anchorage-dependent** [DRD+05]. **anchorage-independent** [BCT06, DBR09]. **Anchored** [Pow06a, BLC+09, CTY+06, HIK+08, Nic09a, PPCZ06, Ras08a, SFS+07, CZM+07, NS06, SS06a, SFEK07]. **Anchoring** [Tum05c, BMSJ07, MKSJ06, ZHYE08]. **anchors** [NS06]. **Andrea** [Wil08b]. **Androgen** [EIK+05, vRCB+07]. **Androgen-dependent** [EIK+05]. **anemia** [MLH+06]. **Aneuploidy** [Tum06d, TC08, WC09]. **Ang** [CNM+05]. **Ang-1** [CNM+05]. **angiogenesis** [FWC+07, Les08-59, dJPAW+09, SPA+05, WLLF+08]. **angiogenic** [FMM+08, SSS+08a]. **Angiogenin** [YIfHA09]. **angiopoietin** [SKE+05]. **angle** [PFGSV06]. **anillin** [CWRG+08, HO08]. **anillin-related** [CWRG+08]. **animals** [HJB07, Mat05]. **ankyrin** [BFB+08, DBDD06, DZG+07, MPD09, LPB+08]. **AnkyrinG** [HOR08, YOHR07]. **annealing** [ÇB09]. **Announcing** [Hil08]. **Annual** [dSW09]. **anoikis** [MMW+07]. **answers** [Sho09e, VW08]. **antagonises** [MBdR+08]. **Antagonism** [YBT+09, RSS+09]. **antagonist**

[FKS+06, YTY+07]. **Antagonistic** [YR09, GHN+09]. **antagonistically** [TEIS09]. **antagonize** [KZH+07]. **antagonizes** [MAK+06, STMG05, WL09a]. **antagonizing** [NLL+06, SLV+07]. **antenna** [Sch08]. **anterior** [TA07]. **anterior-posterior** [TA07]. **anterograde** [CGS05]. **Anthony** [Wil07c]. **anthrax** [ALvdG06]. **anti** [BLA+09, FMD+09, WPH+07]. **anti-apoptotic** [WPH+07]. **anti-recombinase** [BLA+09, FMD+09]. **antiangiogenic** [PWM+06a]. **antiapoptotic** [GGO+09]. **antibiotic** [Wil06o]. **antibody** [WZM+08]. **antigen** [CBG+06, KNKH06, LGH+05, LeB07-30, MSM+06, NS07, VLFA+07]. **antigen-stimulated** [LGH+05]. **antigens** [LeB05-79, LeB07-33]. **antitrypsin** [NRW+08]. **Antiviral** [Wel05a]. **Antonio** [Wil09b]. **any** [Wel05-63]. **AP** [API+07, DHT+09, FSP+07, GNPC+08, LDGK08, LCT+09, LRCH+05, WPWF08, WBC+06]. **AP-1** [DHT+09, GNPC+08, LDGK08, LCT+09, LRCH+05]. **AP-1/clathrin** [LRCH+05]. **AP-1B-dependent** [API+07, FSP+07]. **AP-2** [WPWF08, WBC+06]. **AP1** [GBNS07]. **AP2** [SSM+08]. **ApAF** [LLL+06, MDH+06, PVM+05, WSFD07]. **Apaf-1** [MDH+06, PVM+05, WSFD07]. **ApAF-ApC** [LLL+06]. **ApAF-ApC/EBP** [LLL+06]. **apart** [Kak08, LeB07o, LeB07-40, Sho09o, DP08]. **APC** [CGK07, DP07, DSN+07b, EMMN+05, FBJB+09, KST+07, LeB05d, LeB06c, MVC+07, ROKG08, RP08, RAP08, SRE+05, Wil08c, YKH+08, ZAM07a, ZAM07b]. **APC/C** [DP07, ROKG08, YKH+08]. **APC/EB1** [ZAM07a, ZAM07b]. **ApC/EBP** [LLL+06]. **ApCREB** [LLL+06]. **APH** [SRD+07]. **APH-1** [SRD+07]. **Apical** [SLM+06, BLP+05, DGZ+05, HP05, HT08, HSTM06, IMY+09, JKDH08, JLC08, KGDR+07, LSR07, LWHC08, LBG+06, MT07, PPCZ06, SHS+09, VVMS05, WL09a, WL09b, vBAS+07]. **Apoptosis** [LeB07c, Les07b, TdVM+07, AAG+09, BP05, BFL+05, BWJ05, BEH+06, DSLY+05, DSN+07b, EIK+05, GEH+07, KNKH06, KHSM07, LCvD+08, LMC+09, MLC+06, MHM+05, MDC+08, MRD+08, NMV+07, NSM05, PUG+06, PPS+06, PVM+05, Pow07a, RHMS05, SWB+07, TCHL05, Tum05-44, UFY+07, WRKC+09, WSS+06, WPH+07, WWS+06, XKYW07, YHC+06, YTB07, YZO+07]. **Apoptotic** [LeB07d, Les09b, CCL+05, JGL+06, Les09-30, MYMZ08, Sco08, SMR09, SLZ+06, WZM07, WPH+07, WSFD07]. **APP** [LeB05e, LZL+05, RP05, Wil08q]. **apparatus** [ARKS+08, AM05b]. **appendage** [GSL+07]. **application** [Hil08]. **applies** [INB06]. **apposed** [SCR+09]. **Apq12** [SHC07]. **Apratoxin** [Sho09d]. **apraxia** [SBC+07]. **April** [lWHMH06b]. **Aquaporin** [Rob08c, NHK+08]. **aquaporin-2** [NHK+08]. **Arabidopsis** [PST+06, SSK+09, VCN+05]. **architecture** [BSM+08, HGJ06, JBF+08, MFH05, NPBP07, Sho09-36, Tak06, ZRH+09]. **ARE-containing** [HAT+05b]. **ARE-mediated** [vRG08]. **Arf** [HAAHD05, KCE+06]. **Arf-1** [HAAHD05]. **Arf6** [EYB+06]. **ArfGAP** [KBI+08]. **ARFGAP1** [LYH+05, LDPLS05, WBE+08]. **ArfGAP2** [WBE+08]. **ArfGAP3** [WBE+08]. **Arg** [LMM+09]. **arginine**

[CMD+08, GTO+07]. **Ari** [Wil08d]. **ARK** [MDH+06]. **ARL** [KCE+06]. **arm** [PKK09]. **arms** [BSM+08, BSM+09, HQF+07, Wel05i, LCL+05]. **ARMS-dependent** [LCL+05]. **Arp2** [LBI+08, Les08c, MXR+05, RXA+08, SBMP05]. **Arp2/** [Les08c]. **Arp2/3** [LBI+08, MXR+05, RXA+08, SBMP05]. **Arp3** [MXR+05]. **arrangement** [DL08, KOM07]. **arrangements** [Sho09p]. **array** [MB07, SSK+09]. **arrays** [HRLH08, RMV06]. **arrest** [DUR+05, FNH+05, KPS+07, LeB05-64, LTDH05, MYO+05, MVC+07, NTB+06, NPV+07, PWD+06, WF07]. **arrested** [MMU+09]. **arrestins** [PCR+07]. **arrhythmogenic** [PRB+09]. **arsenite** [SLZ+06]. **asb11** [DBvdW+06]. **Ase1** [CGGT09]. **Ase1/** [CGGT09]. **Asi1** [BZA+06]. **ASK1** [OTM+07, SL05]. **ASK1-dependent** [OTM+07]. **Asp816Val** [ZDD+06]. **asparagine-rich** [DTP07]. **aspartyl** [VDA+08]. **aspects** [YMC05]. **Aspergillus** [PUG+06]. **assay** [PGWH08]. **assemble** [DZG+07, LZ08, MMH09]. **assembles** [DPMB+07, HXO+07]. **assemblies** [CZM+07, GC05]. **Assembling** [CSTT+06, Tum06e]. **Assembly** [BSA+08, DLH+09, HYB08, TMH+05, WSK+06, AACS+06, AGL+08, ASH+09, AHD+09, BZHA+08, BJLM+05, BBM+08, BFCS+07, BSDA07, BYR08, BMP08, CM06, CSSE06, CMK06, DKR+06, DBDD06, DTP07, Den05, DPP+07, ELJ+08, FZT+07, FOW+09, GS07, GHA+05, GSV07, GL06, HRB+06, HWPH+08, HL06, HCL+07, JS07, JRZ+07, KCAS05, KLRS07, KNP+05, KCH+06, KTN07, LEH+05, LLH+07, LGZ+05, LFH07, LLM+05, LFW+09a, LFW+09b, LDPLS05, LRJY06, LLW+09, MHM+07, MMCW06, MSL+09, MS09, MSV+05, MD09, MFC+09, MDPG07, NYM+08, NdCF+05, OW06, OLH+08, OLKK09, OSM+09, OYM+09, ORM+08, RBJL06, Rex09, RGCWG09, Rob08-29, Rob08-42, SHC07, SOR06, STK+05, SAM+07, Sho09-44, SBMP05, SSE05, SRD+07, SGDM06, SNPCG06, SLNS06, TLM+07, TWL07, TPNS07a, TPNS07b, TWG+09, UTK+09, ULN+07, UPBM06, UZ08, VS07, Wil07-61, YDL+06, YGR+08, ZTM+08]. **assembly** [vBAS+07]. **assists** [KGL07, Rob08v]. **associate** [BJZ+09, IGFG+08]. **associated** [BSW+05, BJM+06, BvOM+07, BXN+06, BBG+05, CFU+09, CBG+06, DVF+06, DS07, FKJ+09, FSR+07, GMG+07, HlQY+06, JGL+06, JZN+09, LSC+06a, LJY+07, MS09, MSH+05, MQL+06, NRL+05, NdCF+05, OOS07, OOS09, OFfL+07, PHM+09, QIH+06, SCFKB07, TMZ+09, VCSG07, WLY06, WBK+06, WBLL06, ZS08, vdBKB+07, BDS+08, OOY+06, SS08a, SS08b, SN05, Tum05-63, WHR+09]. **associates** [GFC+08, HKIY09, MRvD+05, WLK+05]. **Association** [BGdN+08, AFM+05, CWRG+08, EMMN+05, JTH09, KLG+09, LDGK08, LPM+07, NS06, PGB+06, PCN+05, SSHP+07, SDD+07, Tum05u, WZM07, ZOH+08]. **associations** [LC08a]. **assume** [SRXvdK06]. **astralogy** [Can09]. **Astrin** [TKSNG07]. **Astrocyte** [Wil08e]. **astrocytes** [BSF+08]. **Asymmetric** [DPD+09, YF08, CSW08, LS09, NVC05, RP07, TSK+06]. **asymmetrically** [GAS06, KMK+05b, RW05]. **Asymmetry** [BSM+09, Tum05e, Lin08, RMAA08, Wel07c]. **asynapsis** [MBdR+08]. **Asynchronous** [GHP06, GLH+05]. **ATAD3** [HMR+07]. **ataxia** [SBC+07].

ataxin [JMM+06, WLY06]. **ataxin-3** [WLY06]. **ataxin-7** [JMM+06]. **ATF4** [YAV+05]. **ATF4-mediated** [YAV+05]. **ATF6** [NSM05]. **Atg11** [HSY+06]. **Atg7** [KWU+05]. **Atg7-deficient** [KWU+05]. **Atg9** [HSY+06]. **atherogenesis** [OSS+07]. **Atherosclerosis** [Rob08d]. **ATM** [DPL+08, DCA+06, LBS+08, SDC09, YHC+06]. **ATM/ATR** [YHC+06]. **ATP** [CCC+06, JGL+06, MSK05, COB+08]. **ATP-binding** [JGL+06]. **ATPase** [ADD+06, CULS+07, KRPH08, LBG+06, CWC+08]. **ATR** [DCA+06, LLC+07, SFB09, YLM06a, YHC+06]. **ATR-mediated** [LLC+07, YLM06a]. **atrial** [RKB+07]. **AtRMR1** [PLLH05]. **atrophy** [CBG+09, JBL+07, Les09x, RGW+07]. **ATRX** [RSM+08]. **attach** [Les05e]. **attachment** [HHZ+08, JBF+08, KLG+09, PCN+05, Sho09-28, VMSV08]. **attachments** [HFF+07a, Nyb05f, YKBR09]. **attenuates** [KZT+08, KZT+09, LNG+05, RKK09, vKST+07]. **attenuation** [HGK+06, SGK+07]. **atToc159** [WAKS08]. **attract** [LeB07s, Tum06-35]. **attraction** [Les08-45, Les09-31, MFC06]. **attractive** [Wil07n]. **attractors** [CFBM05]. **atypical** [HlQY+06]. **augment** [VWK+06]. **Augmin** [GMZ+08, MFC+09]. **August** [Wel06o]. **aureus** [BDR+06, SDS+05]. **AURKB** [HBPL09]. **AURKB-mediated** [HBPL09]. **aurora** [XOV+09, BKHR05, BH08b, ELJ+08, KNP+05, MOS+09, Sho09e, VML06, YK07, ZSMW09]. **Aurora/Ipl1p** [ZSMW09]. **Australin** [GGB+08]. **auto** [RYD08]. **auto-regulation** [RYD08]. **autocrine** [NVJ+08]. **Autoimmune** [LeB05f]. **autoimmunity** [Rob08a]. **autoinduction** [DLL+08, YWRA07]. **Autoinhibition** [IEGV06, SOR06, NSM+09]. **autointegration** [MNF+07]. **Automatic** [Wel06b]. **automatically** [Hil07]. **autonomous** [CC09, IPC09]. **autonomously** [LNG+05]. **Autonomy** [DGG+08, GSHD08]. **autophagic** [FSR+07, Miz05]. **Autophagosome** [AWM+08, HTK+08, McB08, Wel06-32]. **Autophagosomes** [Les09c]. **Autophagy** [KDD+09, Rob08e, SG09, Sho09f, Wel05b, YCR06, BLB+05, CCSK08, DDO+08, GBNK08a, GBNK08b, HOH+08, HSY+06, HCB+08, JFM+09, JHY+08, KWU+05, LeB09a, NTSY08, PCMSB09, RVBZ+08, RCT09, SFB+05, Sed08m, SZL+09, ST09, Tum05-49, WLE09, iYOW+06]. **Autophagy-mediated** [YCR06]. **autophagy-related** [GBNK08a, GBNK08b]. **Autophosphorylation** [SDC09, UWiY+07, DPL+08]. **auxilin** [HBK+06]. **availability** [KVC+09]. **avenues** [LeB07z]. **average** [Sho09-46]. **avoid** [LeB05-99]. **awareness** [MJG07]. **away** [RW05, Wel05-33]. **axis** [DLL+08, NWR+08, PWM+06a, PRZ+08, TA07]. **axodendritic** [TÖL+06b]. **axoglial** [CWNF+09]. **Axon** [Nyb05a, DZG+07, HXO+07, HOR08, JBL+07, LeB05-30, LeB07-28, Les08w, Les09-35, MB07, PT07, RAP08, SSJ+07, STU+08, WZC+05, WZC+08, YBT+05, YOHR07, LeB06d, MEG+07]. **Axonal** [GMSS06, BFB+08, CKKG05, EGR+05, FDB+09, GKN+07, HFY+06, HFM+05, KHB+05, MS06, NZQ+07, Tum06f, YWK+08]. **axonemal** [AGL+08, GWS09]. **Axons** [HJB07, HLJ+07, Les08d, Bea06, CWM+09, DG08, HCRT08, LeB08-35,

MMT+05, PBB+09, Rob08-40, Wil08c, Wil08r]. **axotomy** [EMPK+07].

B [GBNS07, Kat06b, KBW+06, CLA+05, SMWdV09, BWL+08, BAR+05, CCSBM+07, CLK+07, CWC+07, CAL+07, DTL+07, ELJ+08, GKCM+08, HPT+07, KBW+06, KLRS07, LDVV06, LeB07f, LHM+09, MOS+09, OSB+05, PWM+06a, PGP+07, QWD+08, RMKS08, RRA+09, Sed09g, Sho09e, STP08, SLZ+06, STL+07, SWB+07, TCW+06, Tum05t, VML06, WSS+06, WM05, XOV+09, ZTKK05, ZBKJ07, GBNS07]. **B-** [GBNS07]. **B-mediated** [ZTKK05]. **B/thromboxane** [PWM+06a]. **B1** [LKL+05, MHL+06, MLS+07, MLV09, OKN06]. **B1-mediated** [OKN06]. **B23** [YWM+08]. **B23/nucleophosmin** [YWM+08]. **BACE** [LZL+05]. **back** [LeB06-45, LeB08l, LeB08s, Les08-60, Les09-35, Pow06b, Tum06g, VWK+06, WPDZ+06, WVB07]. **Backtracking** [Les08e, Les06t]. **backups** [Les06s]. **Bacteria** [Wel05c, LeB05-42, MRKH05, NBB+09]. **bacteria-induced** [MRKH05]. **bacterial** [ABSK06, CJW07, CM07, LeB05a, SSE05, Wel05-34]. **Bad** [Les08f, Wil08q]. **BAF** [LCO07, Wil07-41]. **BAF-1** [Wil07-41]. **Bak** [KPM05, PUG+06, UDC+07, WZM07]. **balance** [ELM09, MWMS07, Sho09-41, Wil07m]. **balance-point** [ELM09]. **balances** [SGK+07, Sho09f]. **balancing** [WHB+07, WKC+09]. **band** [ERS08, WSK+06]. **BAR** [MPS+07]. **barbed** [FBD+08, KCMB08, SMG07]. **barbed-end** [KCMB08]. **Barr** [FFS06]. **barrel** [HWN+07]. **Barrier** [MNF+07, Bon05c, EFM+07, FSK+07, IFF+05, LCR+05, LCB+08, Pol08, SNG+07, dGSWW+06]. **bars** [CFV07]. **Barth** [CMK06]. **Basal** [POG+09, Pow05c, Tum05f, KPR+07a, KPR+07b, KKY+05, LeB05r, RYN05, STG05, SDW+09, Tum05-54]. **based** [Bas07d, CCL+05, EMPK+07, GHM+08, Hil08, LeB05-71, MFS+09, OF08, PGWH08, RKT+07, SSZR07, SWI06, VLFA+07]. **basement** [LLM+05]. **basic** [SJL+07]. **Basigin** [BMK+07]. **basis** [JWG+07, LBH+05, Mar08, MWSK06, NOH+07, RXA+08, SZX08]. **basket** [LFH07]. **basolateral** [API+07, FHMC09, FSP+07, HSTM06, KGDR+07, LeB07-35]. **Bassoon** [FDB+09]. **Bat3** [SMM+08a]. **Bax** [GGO+09, GEH+07, Let09, WZM07]. **Bax/** [WZM07]. **Bazooka** [MMH09]. **BBB** [Rob08f]. **BBS** [Sho09g]. **BBSome** [LJS+09a]. **BC1** [MIBT06, WIL+05]. **Bcl** [BbCQ+09, KPM05, BRY+09, RLDC09, GGO+09, MGH+09, PAM+07, UDC+07, WPH+07, ZDMD06]. **Bcl-2** [GGO+09, UDC+07, WPH+07, ZDMD06]. **BCL-2-dependent** [BRY+09]. **BCL-2-like** [RLDC09, MGH+09]. **Bcl-X** [KPM05, BbCQ+09, PAM+07]. **BCR** [VLFA+07]. **BCR-driven** [VLFA+07]. **BDNF** [BRKR06, BSF+08, Sho09h, YJJ+09]. **be** [BYR08, LeB06-37, VD05, WPDZ+06, WGL+06]. **bead** [TMBL+08]. **bear** [BMK+06, Sho09-38]. **beat** [LeB06q, Les08-65]. **beaten** [LDVV06]. **Beating** [Tum05g]. **because** [BMK+06, Wil08j]. **become** [Wel05-30]. **becomes** [Pow05z]. **beefs** [Les08g]. **before**

[LeB07-62, Les09c, NMO+07, Sho09l, STvdB+09, Wel05-52, Wel06-61]. **BEG4** [GQSHO05]. **beginner** [Nor06]. **beginning** [SD07]. **behave** [DCA+06]. **behavior** [DvCvH+08, HO08, SWM+07, YF08]. **behaviors** [LSC+05]. **behind** [LeB05-50, Les06a]. **Being** [BH08a]. **believing** [Nor06]. **belt** [IUT+07]. **belt-like** [IUT+07]. **benchwarmer** [DNK+05]. **bend** [Nyb05g]. **Bending** [Ros07a, Wil07d, DLHW09, Wel05i]. **bends** [Les09r]. **bent** [LeB05g]. **Bethesda** [lWHMH06b]. **betrayal** [Wel06-57]. **Better** [RW08a, Nyb05o, Pow06f, Rob08g]. **between** [AMERT+07, BJC+06, BH08b, BSH+07, BGdN+08, COC+05, CNM+05, CBMCSS08, CRV+06, DC07, Di 08, ERS08, FKB+05, FKN+07, JCMG08, JBF+08, KGM+09, KSpLL06, LGH+05, LVL+05, LR07, Mat05, MCA+06, MBL+07, MOCC05, NFCF08, OIFN+07, OYTO07, OSI+07, PLR+06, QHB+07, RSS+09, RKK09, SCR+09, SSZR07, TC08, TD08, TSS+06, YBT+09]. **beyond** [AKD06, IPC09, MGH+09]. **BFA** [Pow06b]. **Bfa1** [FDV+06, GSdBS09]. **bFGF** [ML05]. **bFGF-mediated** [ML05]. **BH3** [GGO+09, LCvD+08, MDET08, MGH+09, NMV+07, UDC+07]. **BH3-only** [GGO+09, MGH+09, NMV+07, MDET08]. **bi** [BJKF05]. **bi-orient** [BJKF05]. **Biased** [Wel06c]. **Bid** [TdVM+07]. **BiFC** [SRBL06]. **bifurcation** [SSJ+07]. **Big** [LeB06e, Wel07a, LeB05-103, Pow05d, Rob08-41, Rob08-48, Sed09i]. **Bik** [MDET08]. **Bik-induced** [GEH+07]. **Bik/Blk/Nbk** [MDET08]. **bilayer** [Heu05, LeB05-47]. **bilayers** [BYMB06]. **bilobe** [dGHW08]. **Bim** [Pow07a, XJF05, MGH+09, WPH+07]. **Bim1** [GHM+08]. **Bim1p** [ZSMW09]. **binary** [DPD+09]. **bind** [LDL+09a, MKGL+05, Sho09t]. **Binding** [LeB05g, LDGK08, YNL+08, ABSK06, AHD+09, BW08, BFP+07, BHG+05, BCJ+07, CJMG05, DXC+09, FHO+05, FCB+09, FCB+19, FBD+08, GRGP07, GHM+08, GTB+07, HBPL09, HSLI09, HM08, HMR+07, JGL+06, KLR+07, KVS+09, KDG+09, KZS07, LHL+08, LLM+05, LPF+06, MBR+06, MXR+05, MRO+05, MSM+07, MGBM+09, MSK05, NRD+06, OLC+07, RIHP06, RYD08, RW08a, RRA+09, SMH+09, SCR+09, STG05, SOW+09, SGKM08, SRD+07, SIS+08, TCW+06, TKB+06, WAKS08, WCR+05, Wil07r, ZNP+09, BKLT+08, BEN+05, CHCB05, FBD+05b, GG06, GFA+09, GTX+06, KCE+06, KII+08, LDGO+09, MKSJ06, PAM+07, VSR+08]. **binds** [ABvBHH06, CCS+06, FN06, KHBV05, LGV08, NdCF+05, SSS+08b, TCW+06, YOY08]. **bioactivity** [HGJ+08]. **bioavailability** [CCM+07, LJN+05]. **Biogenesis** [KKC+07, SMWdV09, ASSST06, BWL+08, BMGPB+08, BDW+09, CMF+09, DHT+09, GRGP07, GG09, GTO+07, HWN+07, HRS+05, JhKC08, KOVP09, KRPH08, KZS07, LNL+08, MRO+05, MZH+08, RCM+09, RCKD06, SKM+08, STM+07, STG05, SBW+07, SGKP+07a, SGKP+07b, TM06, dGHW08]. **biological** [EW08, Mar08, VD09]. **biologically** [MCD+07]. **biologist** [Pow05z, Wil07-68]. **biologists** [Sho09k]. **Biology** [LK06, LW08, Mel08b, WL07, dSW09, BTP+07, CFV07, HS09a, JKCW07, Lin08, Mel05, Mis09a, Sed08b, Wel07i, Wil07-55, LP05, Mis09b]. **biomass**

[BbCQ+09]. **biorientation** [HH06b, PMK+07]. **biosynthesis** [KRG+08, KDD+09, VKR+09]. **BiP** [ASB+05b, LeB05h, Pow05d]. **BiP-mediated** [ASB+05b]. **biphasic** [WWS+06]. **biphasically** [GSJ+08]. **bipolar** [JSPT05, TWG+09]. **Birth** [Les09d]. **bis** [SDB+05]. **bisphosphate** [JKKM08, VTRB06, vZPG+07]. **Bissell** [Sho09-40]. **bivalent** [NVC05]. **bizarre** [Pow05b]. **black** [LeB06-81]. **Blackburn** [Wil08j]. **blacklist** [Wil08l]. **bladder** [Sho09-45]. **blastoderm** [BRH05, FML+06]. **blastula** [MSO09]. **ble** [Les08-41]. **blebbing** [FG08]. **blebs** [CHCM06]. **Blinded** [Les07c]. **blistering** [WSB+06]. **Blk** [MDET08]. **BLM** [OSI+07, TNS07]. **block** [RRR+09]. **blockade** [LeB06-63, Wel07b]. **blocked** [SBJ+07]. **blocking** [KWY+06]. **blocks** [MNF+07, TCKV05, Wel06-54, ZHS06, ZL05]. **Blood** [LeB05i, Wil09c, Bon05c, CBG+06, JKCW07, KZC+08, KSE+07, LeB07-37, LCB+08, Pol08, Rob07m, WKC+09]. **Bloom** [MGW+08]. **blow** [Rob08e, Wil06c]. **blueprints** [Sho09-36]. **BMP** [HGK+06, KLW+05, LeB05-107, PRK+07, PRK+09, WHB+07, KRP+09, Sho09i]. **BMP-activated** [XYC+07]. **BMP1** [GG06]. **BMP4** [FKS+06]. **BMP6** [PRK+07, PRK+09]. **BMP6-dependent** [PRK+07, PRK+09]. **Bmper** [Sho09i, KRP+09]. **Bnip** [KBY+08]. **Bod1** [PMK+07]. **bodies** [BJC+06, BF09, BMP08, CBML06, DCA+06, FSR+07, JZN+09, KSA+05, KKY+05, LTK09, LRCH+05, Mat06, Rob08j, SNC+06, SDW+09, Wil07-40, DCMB+07, HCC+07, Wil07k, Wil07-31]. **body** [BAR+08, CHA05, DTP07, GAS06, HCN06, JMG+06, KPR+07a, KPR+07b, LJA09, LSC+06b, LMB+06, LNL+08, NTS+05, NdCF+05, NAG+08, POG+09, PGO+07, QIH+06, STG05, STK+05, TTYH09, Tum05f, Tum05-54, FBD+05b, ZEC+08]. **bomb2** [NVEF07]. **bonds** [KGM+09, LeB05j, Tho06]. **Bone** [dJPAW+09, BYK08, FMM+08, GHDS+07, KR07, PXD+07, Pow05i, SDL+05, WKH+06, YAV+05, ZHS06, ZKR+07]. **bones** [CJW07, LeB05-37, LeB06e, LeB07-52]. **boost** [Wil07-35]. **Bop1** [HRS+05]. **Bora** [SCD+08]. **born** [LeB05-57, LeB05-67]. **Both** [GT08, Les09e, BJML09, Di 08, LBS+08, Ped08, Sho09-29, Tum05-38, WSS+06]. **Botulinum** [BFL+05, DTL+07]. **bound** [CBMCSS08, CFL+05, DTR+05, FDV+06, JSPT05, SAM+07, SKO+06, YLM06a]. **boundaries** [GDW+07, Pow07i, Wil08v]. **Boundary** [Tum05h, Mat05, RHMW+05, TDD+05]. **bounded** [PMW05]. **bouquet** [CYO+09, Pow07b]. **box** [EHWL06, RMC+05]. **Bqt2p** [TJC06]. **Bqt3** [CYO+09]. **Brain** [Les09f, Wil09d, BP05, Bon05c, GTX+06, HTKR06, LS09, LCB+08, NSS+08, Pol08, SLCB05, WZW+09, Wel05-49]. **Brain-repairing** [Les09f]. **brain-specific** [GTX+06]. **brains** [LeB06-28, Wel06a, Wil08s]. **brake** [MB07, Wel06-62]. **brakes** [Les07-50, Sed09a]. **branch** [CB08]. **branches** [CFBM05]. **branching** [KZC+08, LH05, LeB07-28, RXA+08]. **branchy** [LeB05-103]. **BRCA1** [KDD08, LeB06f, PL06]. **breadcrumb** [Sed08c]. **break** [BFCS+07, HJB07, KG05, LeB05v, LeB08u, PGW+08, TFC+06b, YMTC05, YEL+08]. **breakage** [DBK+07]. **breakdown** [HMG+08, Les07-47, Les08-57, MK07]. **Breaking**

[LeB05j, Les07d, Nyb05b, Les07y, PvdGS06, Sed08a]. **Breaks** [Les08f, BJLK+06, DCA+06, DG05, KCD+06b, Les07-51, MG09, Tum05k, UWiY+07, YWJ+07]. **breakup** [Les09u]. **breast** [CCH09, CCP+08, LJM+07, LCM+08, MGK+09, VFRJ+07, YWW+08]. **breed** [Wil09q]. **breeding** [TKK+05]. **Brett** [Wil08f]. **Brian** [Wil08g]. **bridge** [COC+05, TRS+08]. **Brief** [Les06c]. **bring** [Les06j, Pow05f, Rob08y]. **bringeth** [LeB06-62]. **Bringing** [LeB05k, RH09, Sho09j, Wil07-55]. **brings** [Wel06k]. **Brink** [Les08r]. **broad** [WSK+06]. **broaden** [HS09a]. **browser** [Hil08]. **browser-based** [Hil08]. **Bruce** [HCB+08, Wil08h]. **brucei** [LN07, dGHW08]. **Bruchpilot** [FOW+09]. **brush** [Sho09-39]. **brush-off** [Sho09-39]. **Bryan** [Sav09a]. **BtubA** [SSE05]. **BtubB** [SSE05]. **BUB1** [NDS+07, BSDA07, JMB+07, KKM09a]. **Bub2** [FDV+06]. **Bub3** [BJM+06]. **Bub3/Rae1** [BJM+06]. **BubR1** [HHZ+08, MDC05, RGL+09, WF07, ZAM07a, ZAM07b]. **BubR1-dependent** [MDC05]. **bud** [BFF+06, LeB06m, LeB07-62, PZG+07]. **budding** [BMSJ07, CRLP07, CN06, FDV+06, GRGP07, HSY+06, HLP06, LSC+06b, MHFH06, Nyb05g, SAM+07, TS06, ZKN+06, ZSMW09]. **Bug** [LeB07e, LeB06-31, Wel05-63]. **Bugs** [Wel05d]. **build** [Les07-71, Rob08r]. **Building** [BH08b, JKCW07, LeB05l, Les09g, NAS08, Pow05e, Rob07a, Rob08f, Wel06-54, Wil09d]. **built** [BF09, Wel06-28]. **bulk** [HCN06, KKM+08]. **bull** [Rob07a]. **bundles** [JSPT05, MT07, NAS08, STK+05]. **bundling** [Tom08]. **bursts** [KCMB08]. **business** [LeB06c, Pow05u, Sho09g]. **Buszczak** [Sed09i].

c [CBM+07, DFA05, NTB+06, PBAF+08, SDDV05, BTD+07, BGZ+07, BFL+05, BFP+07, BXN+06, CG06, CC09, CFBM05, DP07, GNPC+08, HLK+09, KGKV07, KNT+07, ROKG08, Sed09f, SZX08, SWB+07, SFEK07, VBL+05, Wel05-48, WEL+07n, Wil08f, YKH+08, BWJ05, BDS+08, qGyWX+08, GBNS07, KNKH06, KP08, LMS05, MKV+09, MM05, YMDL09, ZKR+07]. **C-cadherin** [CG06]. **c-Jun** [PBAF+08]. **C-mediated** [HLK+09, MDL+09]. **c-Met** [CBM+07]. **c-myc** [NTB+06]. **C-terminal** [WEL+07n]. **C.** [CLG+07, GCS+07, HK06, IEGV06, KHW+07, KHW+09, KO07, LDGO+09, MNF+07, MS07, OV09, POCS+06, RLDC09, TA07, WZC+08, ZRH+09]. **C/** [BTD+07]. **C/D** [VBL+05]. **C2** [BJML09]. **C3G** [NNS+08]. **C3G-mediated** [NNS+08]. **CA** [LK06, WL07, dSW09, SFEK07, pTyLZ+09, BSMT05, CZD+09, CLK+07, CSB+06, FM05, GRC+05, HJ06, HSK+05, HPH+05, ITG+08, JBL+07, LeB06-57, LeB06-75, LWG+05, LWBL06, LGG+05, Mel08a, Mua05, NJS+06, OFY+05, RDY+05, RMP06, SBV+06, pTyLZ+09, TGRD09, WBK+06, Wel05-44, WNF+05b, WBLL06, XLH+07, ZDMD06]. **cable** [Wil07b]. **Caching** [Les07e]. **cacophony** [LYV+08]. **Cad99C** [DTY+05b]. **Cadherin** [LeB05m, LeB06g, Les06d, BRKR06, DTY+05b, HHY+08, HLA+06, LOG+06, LNPC06, LR05, MCSY07, MFS+09, MMH09, RHMW+05, SMSPK08, TMH+06, Tum05l, YA06, CG06, KSR+08, LCS+09,

LBC+07, LR05, NN07a, PR05, QCGM05, SFC+08, SYM+08b]. **cadherin-based** [MFS+09]. **cadherin-mediated** [RHMW+05, YA06]. **cadherins** [DCEM09, IMY+09, Pow05u]. **Caenorhabditis** [ASSST06, AHM+05, BAR+08, DPD+09, ECR+09, ESG+06c, GSW+08, HKLM06, HKLM07, JNHB08, KR06, LLH+07, LBG+06, MYMZ08, MQL+06, NAG+08, OOS07, OOS09, OBY+06, SHL+09, YWEK08]. **Caf4p** [GGC05]. **Cage** [LeB06h]. **Cajal** [CBML06, LMB+06, Mat06, PGO+07]. **calcineurin** [LPWP+07, LGG+05]. **calcitonin** [PCR+07]. **Calcium** [LeB05n, Les09h, Tum05i, Wil07e, BAdSG05, BCC+09, HPT+07, LeB05s, LeB05-54, LeB05-33, LeB06-63, Les08b, LWL08a, LWL08b, LYV+08, MuMI+06, NYI+05b, PMW05, Put05, RSL06, Rob08w, Tum05-65, TTE+07, VBG+06, WWS+06, Les09i]. **calcium-independent** [NYI+05b]. **call** [Les08-30]. **calls** [Les08z]. **calmodulin** [FM05]. **Calpain** [CCP+08, DBC+06]. **Calreticulin** [LGG+05, SQB+08]. **CAM** [STU+08, DS07, HLL+08, ROKG08]. **CaM-** [DS07]. **CaMKII** [BSL+08, HSK+05, WBG+08]. **cAMP** [TDP+06, GRC+05, HHT+07, RMP06, SBM+07, TDT+08]. **can** [BSK07, BMK+06, BEH+06, GHY+05, HK07, HMM+05, LCvD+08, MTRD+06, NMO+07, NKK+06, PH07, Pow05l, SN05, WHC+07, WPDZ+06, WGL+06]. **Canada** [Wel06o]. **Cancer** [Les07f, BPL+05, CCH09, CCP+08, DLBSD+05, Les07n, Les07-37, Les07-65, Les08t, Les08-61, Les08-62, Les09-37, LJM+07, LCM+08, MYO+05, MGK+09, OMLP+08, PhXD+06, SSHW09, Sed08k, Sed09j, Sed09k, SWM+07, Wel06s, Wil06h, YWW+08]. **cancer-free** [Wil06h]. **cancers** [GCSG+05]. **Cande** [Wil07-68]. **cannot** [BYR08]. **Canoe** [SHS+09]. **Canonical** [LVG+09, DXC+08]. **can't** [Les07l, Les09-37]. **CAP** [PTF+06]. **CAP1** [LCR+05]. **CAP1/** [LCR+05]. **Capacitative** [Put05]. **Capacity** [WLPB+09, DL08, SSS+08a]. **Capital** [LW08]. **cappers** [KCMB08]. **capping** [MTH+06, SOR+05]. **Cappuccino** [QHB+07]. **CAPRI** [LWG+05]. **Caprin** [DXC+08]. **Caprin-2** [DXC+08]. **CAPS** [HWSJ08]. **Capture** [SM09, GC05, HH06b, MDC05, WF06, ZMA+07]. **CAR** [AHM+05, DP06]. **CAR-1** [AHM+05, DP06]. **carbohydrate** [DNK+05, GDW+07]. **carbs** [Les07e]. **carcinoembryonic** [NS07]. **carcinogenesis** [GBNS07]. **carcinoma** [KNKH06, SWD+08, vRSvR+07]. **Cardiac** [ONW+07, TMW+05, AS09, GPN+06, MAZ+08, NFC+08, NRJ+09, SHX+07, SAD+09, WBL+06]. **Cardio** [Les08g]. **Cardiolipin** [COB+08, GSH+08, DDRL+09, KRG+08, OHP+09, Sco08, TEIS09]. **cardiomyocytes** [CGLC+08, CZSG08, ONW+07, PVM+05]. **cardiomyopathies** [ZS08]. **cardiomyopathy** [PRB+09]. **cardiovascular** [ZMW+08]. **Career** [Les08h, Wil07f, Wil09l]. **cargo** [ALB+09, API+07, FHO+05, FSP+07, HR09, JWG+07, KLR+07, LJS+09a, LYH+05, LDGK08, Les07-46, MSM+07, NTHN+08, PLLH05, PCN+05, SOW+09, SSSB07, VVMS05, yYMM05, vBDF+09]. **cargo-binding** [MSM+07]. **cargo-specific** [SSSB07]. **cargos** [Les07-76]. **carrier** [COB+08, HHS+09, SMM+08c]. **carriers** [BBPM07, Wel05-39]. **cascade**

[LGG+05, SHC+05, SLZ+06]. **cascades** [NBM+08]. **case** [Pow05e, Ros07b, Wil06k]. **casein** [PPK08]. **CASK** [CHH+08]. **Caspase** [Les07g, MDC+08, AAG+09, GSH+08, HCB+08, KKM09b, LDVV06, LYY08, NDS+07, Pow09d, RHMS05, RKT+07, Rob08-27, SLK+08, YSB+07, YHC+06, DOVD08, MKB+09, Sco08]. **caspase-1** [Rob08-27]. **caspase-12** [SLK+08]. **Caspase-14** [DOVD08]. **Caspase-2** [MKB+09]. **caspase-3** [YHC+06]. **caspase-8** [GSH+08, Sco08]. **caspase-dependent** [AAG+09]. **Caspase-free** [Les07g]. **caspase-independent** [NDS+07]. **Caspase-mediated** [MDC+08, LDVV06, RHMS05]. **Caspases** [LDVV06, Les08u, LYY08, LVDR05, VDVV07]. **cassette** [JGL+06]. **cassettes** [KCD+06a]. **Casting** [Les07h]. **casts** [Les07-41]. **Catalytic** [Wel05e, BSL+08, ToMY+08]. **Catalytically** [LMMHP+05, WDWC08]. **catalyzed** [BSMT05]. **Catastrophe** [LeB07f, CCSBM+07]. **Catch** [HK07, KGM+09, Pow05w, Sho09w, Tho06, Tum05-75, Tum06-49]. **Catching** [Wel05f]. **Catenin** [RHMW+05, BRKR06, DBR09, qGyWX+08, GCSG+05, HFvdV+05, KKW+09, LeB05-75, LPN+08, Les09s, LMHT08, LCB+08, LGV08, MFS+09, MMH09, SYM+08b, Tum05d, YA06, dJPAW+09]. **cathepsin** [LMMHP+05, SWB+07]. **Caught** [Les07i, Les07-58]. **cause** [EVF+08, MTRD+06, PhXD+06, WRKC+09]. **caused** [DC07]. **causes** [DMBF+07, HJK+06, JSFP08, JLG+06, RMR+09, WSB+06, WBL+06, WBLL06]. **caveolae** [Les08-39]. **caveolar** [BLH+09, SHjC+07, TMH+05]. **caveolin** [CWC+08, CTY+06, DPK+05, GJL+08, KFC+05, Wel06-28, GGEd+07]. **caveolin-** [DPK+05]. **caveolin-1** [CWC+08, GJL+08, GGEd+07]. **caveolin-independent** [KFC+05]. **Cavin** [BLH+09]. **Cavin-4** [BLH+09]. **CBF3** [GTHK05]. **Cbk1** [JBYW06]. **Cbl** [EIK+05]. **CBP80-mRNPs** [dPMF+09]. **CCCH** [HOZ+09]. **CCCH-type** [HOZ+09]. **CCM1** [GHSG07]. **CCN1** [TCHL05]. **CCN3** [FKML+06]. **CD151** [SKvdBW+06]. **CD2** [KDV+09]. **CD2AP** [JSC08]. **CD2AP/CIN85** [JSC08]. **CD3** [MDW05]. **CD317** [RKH+09]. **CD317/tetherin** [RKH+09]. **CD36** [SDS+05]. **CD36-mediated** [SDS+05]. **CD43** [IKZ+07]. **CD44** [KZH+07, LWC09, Les09j, THN+06]. **CD44-mediated** [THN+06]. **CD53** [DPMB+07]. **CD81** [DPMB+07]. **CD9** [DPMB+07, EMD+08]. **CD95** [GHM+09]. **CD95-induced** [GHM+09]. **CD98hc** [FZT+07]. **Cdc14** [CWRG+08, JhKC08, KLRS07, MHC+09, QU08]. **Cdc14-regulated** [KLRS07]. **Cdc14B** [WCR+08]. **Cdc20** [LFW+09a, LFW+09b, NRD+06]. **Cdc25** [PPK08, RMAA08]. **CDC25A** [ZNP+09, KBK+05, LKL+05]. **Cdc25B** [LKL+05]. **Cdc28** [EHHK09]. **Cdc28/** [EHHK09]. **Cdc37** [MLC+07]. **cdc42** [BTP+07, BB05, CFL+05, DP08, EMMN+05, FKN+07, HT08, JKDH08, KBY+08, Lec08, Les08i, OYKY+05, OIAT06, RFBB07, SYRL+08, SMH07, TGH+07, VWK+06, WL09a, ZOH+08]. **Cdc45** [AH05]. **Cdc6** [Tum06k, YHC+06]. **CDK** [TWL07, CSMP+09]. **CDK-related** [TWL07]. **Cdk1** [EHHK09, RMKS08, HDS+07, LKL+05, SIL+07, ToMY+08, WF07, YGY+05].

Cdk11 [YGR+08]. **Cdk2** [AH05, JAV+07, SLMK08]. **CDK4** [ZTKK05]. **Cdk5** [LeB05o, LVDR05]. **CDK6** [ZNP+09]. **cdks** [Les07w]. **Cdo** [KBY+08, TKB+06]. **CEACAM** [MRKH05]. **CEACAM1** [KVS+09, MKV+09]. **CEACAM1-L** [MKV+09]. **CEACAM1-S** [MKV+09]. **CED** [RLDC09]. **CED-9** [RLDC09]. **Cell** [FG08, FKB+05, GAK+05, HCFM08, Kat06c, KR06, LD07, LP05, LeB06i, LK06, LeB07g, LW08, Les08j, Lin08, Mel08b, MFBG+08, OFY+05, Pow07c, SWT+05, Sho09k, Sho09l, Sho09m, Tum06g, ULN+07, WL07, dSW09, AKD06, AM05b, ASSST06, BFG+06b, BTD+07, BDP+07, BP05, BGZ+07, BB05, BTP+07, BBM+08, BAdSG05, BMK+07, BFP+07, BLB+05, BvOM+07, BLMS06, Bon05f, BFF+06, BMG+07, BHK+06, CJW07, CZM+07, CMD+08, CGLC+08, CLL07, CF07, CNM+05, CCL+08, CHCM06, CG06, CSW08, CMF08, CK07, CULS+07, CCP+08, CWC+07, DL08, DLT+07, DBR09, DVF+06, DWMY09, DMC+07, DCEM09, EPV+05, EMB+08, EVH+07, EVH+08, EVF+08, EMMN+05, FFW+07, FHMC09, FSG+07, FAG+07, FIK+05, FIK+20, GdTAR07, GGO+09, GMW+05, GH05, GMvdKC07, GHM+09, GGMBF08, GAS06, GHSG07, GPJ+06, GGEd+07, GEE07, GGH+08, HOM+05]. **cell** [HKN09, HXZ+07, HEW07, HCN06, HIK+08, HLK+07, HRS+05, HHFC06, HLA+06, HSTM06, HWJ+08, IUT+07, IPC09, IPG+05, IH05, JGAS08, JLB+05, JKCW07, JMB+07, JLM+07, JLL+07, JTN+05, KRZ+08, KNKH06, Kat06j, KBK+05, hKDH+08, KKW+09, KLW+05, KCD+06a, KTN07, KBR+08, KSR+08, KWY+06, LNG+05, LS09, LMM+09, LeB05j, LeB05-107, LeB06-44, LeB08-34, LLJ+05, LSC+07, Les06a, Les07b, Les07-68, Les07-62, Les08y, Les08-50, Les09e, LPF+06, LLT+08, LSC+05, LCL+07, LHM+09, LTDH05, LG07, LG08, MCSY07, MFA+07, MYO+05, MPL+07a, MCF+05, MFS+09, MWMS07, ML05, MNF+07, Mar08, MCRVC+08, MEG+07, MSO09, MDET08, MAZ+08, Mel05, MAG+08, MDH+06, MKGL+05, MSK+07, Mis09a, MMU+09, MSC+07, MLHS06, MSM+06, MRKH05, MDW05, NPMZ06, NPHT08, NN07a, NDS+07, NYI+05b, NTY+05, NYN+06, NNS+08, Nyb05h, OW06, OKN06, OYTO07, OBY+06]. **cell** [OSI+07, OV09, PR05, PMS+07, PPA+08, PLH+08, PEER+05, PTL+05, PMW05, PB05, PG06, PCMSB09, PYR08, PGWH08, PAV+06, PBB+09, PT07, PWD+06, PCPW08, Pow05l, Pow05w, Pow05z, PJMR06, PEW+05, PdBR+07, PVJJ07, QCGM05, QWD+08, QP05, RVBZ+08, RHMW+05, RYD08, RMAA08, Rob07d, Rob08-42, RRA+09, RP07, SSHW09, SFP+05, SGMPV07, SON06, SYRL+08, SRL05, SMSPK08, SWD+08, SJL+07, SBF+06, SMH07, Sch08, Sed08b, Sed09i, SYA+08, SLM+06, SRR+08, SDN+05b, SCFKB07, SKR+07, ShCM+06, SRXvdK06, STP08, SYM+08b, SGDM06, SAD+09, SWG+05, SLV+07, SLWA07, SWB+07, SRQL09, TMH+05, TKB+06, TTG+09, THL+06, TP09, TMI07, TMW+05, pTyLZ+09, TLK+06, TMAL+06, TCKV05, TWC+07, TGRD09, Tum05-35, Tum05-64, Tum06z, Tum06-30, Tum06-34, VP05, VBG+08, VDSV06, VCSG07, VFRJ+07, WZO+05, WMM+09, WC07a, WLC08, WLE09, WL09a, WZM07]. **cell** [WLLF+08, WM05, Wel05g, Wel05-29, Wel06b, WCN07, Wil06j,

Wil07-52, Wil07-55, Wil07-56, Wil07-68, Wil08p, WZCB+06, WPDZ+06, WXM+05, XSVGR05, YWJ+07, YN07, YF08, YMCT08, YA06, YR09, YTB07, YKP+08, YWW+08, YMDL09, YCX+08, ZXM+06, ZDMD06, dRKD+05, vdBKB+07, LeB06-52, Mis09b, lWHMH06b]. **cell-based** [PGWH08]. **cell-free** [OW06]. **cell-mediated** [DLT+07]. **cell-penetrating** [BGZ+07]. **Cells** [GNE+07, LP05, LeB05p, LK06, LW08, Les08f, Les08x, PGP+07, Rob07b, WL07, YKBR09, AOT06, ABA+06, ALB+09, AOP+05, AMS+05, ANI+07, API+07, BTD+07, BAR+05, Bas07a, BPL+05, BW08, BYK08, BvRJ+05, BLP+05, BH08b, BMB+07, Bon05b, BDR+06, BMK+06, BRY+09, BBG+05, BEH+06, CHSV07, CYC+06, CS09, CKG+08, CSMP+09, CCC+05, CSL+05, CBG+06, DMBF+07, DKR+06, DLT+07, DGZ+05, DBC+06, DLBSD+05, DDLC+06, DHML05, DZW+08, EIK+05, EBMG09, FHMC09, FMM+08, FSP+07, FBY+06, FPP+08, FKN+07, Fuc08, GEP08, GCSG+05, GEN+06, GHP06, GT08, GKN+07, GSY+09, HTK+08, HOH+08, HTYNK09, HGA+09, HMG+08, HWPH+08, HMM+05, HDS+07, HLL+09, Hor09, HL06, HLJ+07, HSTM06, IFF+05, INB06, JAV+07, JCVB08, JGL+06, JLL+07, KDV+09, KR07, KMK+05b, Kat06b, Kat06e, Kat06g, KWS+08, KG05, KKK+05, KAD+08, KZH+07]. **cells** [KCD+06b, KCOS06, KS08, LEH+05, LPG+07, LHS+05, LSDFS08, LGH+05, LeB05z, LeB05-29, LeB05-61, LeB06k, LeB06-77, LeB07-37, LeB07-56, LeB07-63, LeB08j, LeB08q, LeB08-33, LW07b, LSM+05, Les07f, Les07-30, Les07-34, Les07-37, Les07-65, Les07-78, Les07-79, Les08c, Les08n, Les08t, Les08z, Les08-51, Les08-47, Les08-60, Les08-61, Les08-62, Les08-64, Les09b, Les09f, Les09-30, Les09-37, LJM+07, LLM+05, LCT+09, Lin08, LDPLS05, LRJY06, LLC+07, LVG+09, LMZ+05, LJS+09b, LCM+08, LRCH+05, LLC+08, MCSY07, MYO+05, MYMZ08, MuMI+06, MSSF05, MG08b, MMT+05, MOM+06, MZH+08, MRKH05, NBB+09, NCB+08, NCB+09, NPMZ06, NTB+06, NZQ+07, NFCF08, NFZ+09, OLS08, OIT08, OMLP+08, OIAT06, ONW+07, PPCZ06, PMB+09, PH07, PhXD+06, Pow05n, PST+06, PKB+06, PVJJ07, RYN05, RMZ+06, RKT+07, Rob07m, Rob08-47, Rob08m, Rob08-38, Rob08-54, RSSC06, RKH+09]. **cells** [RLH+09, SBC+05, SWD+08, SSS+08a, Sed08c, STM+07, SPA+05, SFY+05, SSM05, Sho09y, Sho09-27, Sho09-38, SWM+07, SMR09, SRXvdK06, SHK+07, SNPCG06, SIS+08, TDP+06, TC08, TMW+05, TD08, Tum06-51, ULN+07, VSG09, VMY+09, VTRB06, VMZW+07a, VMZW+07b, VMKW+08, VVMS05, VCC+08, VS07, Wel06-39, Wel06-59, Wel07a, WPC+08, WMSB+06, Wil07-33, Wil07-66, Wil07-64, Wil09j, Wil09o, Wil09p, WWS05b, WWL07, WPDZ+06, WVB07, WLPB+09, YHC+06, YSP+06, YZO+07, ZHI+08, ZXM+06, ZNP+09, ZEC+08, ZL05, vRSvR+07, vRCB+07]. **cellubrevin** [FSP+07]. **Cellular** [GHM+09, HK05, Les08k, LBH+05, Wil07f, Wil07g, BH08a, CTS+06c, FCB+09, FCB+19, FSTI06, GZBM+06, KDD08, LSR07, LPB+08, MFC06, MSECB05, OMGW+06, PvdGS06, Pow05x, RSL06, SOR06, SLR+06, TTK+06, TGH+07, Wel05-69, Wil09l, ZJH08]. **cellularization** [NFC+08]. **cellulose** [Wel06-63]. **CENP** [HGJ06, ASH+09,

KHWC08, Les07-32, Les08l, MHM+07, MDC05, MMC08, PNO+09]. **CENP-E** [KHWC08, Les08l]. **CENs** [Mal06]. **center** [COC+05]. **Centering** [Les07j]. **centers** [CSSvM08, KG05]. **central** [ACsHS08, CWNF+09, CTS+06c, DHR+08, GKCM+08, LW07a, LYH+05, RW08c, YBK+06, ZMW+08, ZTM+08, Hil07]. **centralspindlin** [YPG05]. **centration** [GCS+07, KO07]. **centrin** [AHD+09, LeB05-43, LSC+06b]. **centrin-binding** [AHD+09]. **Centriolar** [LeB07h, DMDO08]. **centriole** [BSW+05, DPP+07, GSL+07, HRB+06, LEH+05, Les07j, NAF09, RRR+09, ULN+07, VS07, WCR+08]. **centriole-** [DPP+07]. **centriole-associated** [BSW+05]. **centrioles** [AHD+09, DMDO08, Les09a, Les09d, LR07, SDW+09]. **Centrobin** [ZLB+05]. **Centromere** [JCVB08, Wil09e, BSDA07, CS09, EMB+08, HGJ06, HFF+07a, Les07o, Les07-32, MSC+07]. **centromere-specific** [HGJ06]. **Centromeres** [Rob08h, HCK+07, JBF+08, KYK+06, PL06]. **Centromeric** [CS07, LeB05q, HW09, JBFC07, MMC08, PNO+09, YK07]. **Centrosomal** [NAF09, BKHR05, KO07, ULN+07]. **Centrosome** [LeB05r, Les06e, RW05, BSW+05, BWW+08, BBL+08, DCEM09, FDM+08, GMZ+08, HRB+06, KR06, KNP+05, LeB07n, LKL+05, MPL+07a, Rob07l, RP07, SSHP+07, SGDM06, TKSNG07, TMZ+09, VCD+06, Wel05-51, Wel06-31, YF08]. **centrosome-associated** [TMZ+09]. **centrosome-dependent** [KNP+05]. **Centrosome-free** [LeB05r]. **centrosome-independent** [GMZ+08]. **Centrosomes** [Wil06c, BKHR05, CK07, LeB06i, LeB08a, Les07p, RBJL06, TWG+09, Tum05-41]. **Centrosomin** [LR07]. **Cep164** [GSL+07]. **ceramide** [BVGA+05, FHS+07b, VTT+09a, WRKC+09, ZJH08]. **ceramide-rich** [BVGA+05]. **cerebral** [ABY+08, IMY+09]. **cerevisiae** [EHHK09, FMK+09, HH06b, MSB06, NSO+09, AFN+08, BMP08, CCSK08, DTP07, ESZK06, FFT+05, GAS06, KKGD05, NRD+06, TKK+05, TP09]. **CERT** [Sed09a]. **CFTR** [GOM+09]. **CGH** [AHM+05, BAR+08]. **CGH-1** [AHM+05, BAR+08]. **chain** [BMT+07, FHNG05, FDB+09, GMSS06, KKM+08, KMS07, KHSM07, LB08, PKK09, RG06b, WPL+06, WvdLH+07]. **chains** [LJA09, MLC+07]. **Chait** [Wil08g]. **challenge** [Ros09]. **chance** [LC08a]. **change** [ABvBHH06, Les08h]. **Changes** [KCD+06b, AFV+05, CHSV07, HlQY+06, LeB08c, MS09, oSCW07, SMRS+07, VTRB06]. **changing** [Mis09a, LeB07z]. **Channel** [LeB08c, AFV+05, BCC+09, CZD+09, CLK+07, FLA+08, IBS+05, JBL+07, KBGG+08, LeB05-96, Les09h, LPB+08, LYV+08, RDY+05, VBG+06, WJM05, WBG+08, Wil08i, XLH+07]. **channels** [BH08a, BFB+08, COTAE+05, HFP+05, HSK+05, Les08-40, LWBL06, Ras08a, SBV+06, pTyLZ+09, Wil07e]. **Chaperone** [SBV+06, BMGPB+08, JASC08, KGL07, LLH+07, Rob08p, SZL+09, Wil07m, ZKG+08]. **Chaperone-mediated** [SBV+06, SZL+09]. **chaperones** [ERS08, KL05, LeB05h, LeB06-69, LeB08s, Sho09d, Wel06-43]. **characterization** [TDD+05, VS07]. **Charcot** [TT09]. **charge** [BXHD08, YHD+09]. **Charged** [Wel06d]. **check** [Les06w, Sho09l, Wel07k]. **check-up** [Wel07k]. **Checkpoint**

[CN06, ESZK06, HKLM06, HKLM07, Kat07a, BJKF05, BLT+09a, BYR08, CCS+08, DBK+07, FVSC08, GSV07, KKW+05, LeB06w, LeB06-42, LYWK08, Les07-64, LFW+09a, LFW+09b, LLC+07, MDC05, MS09, MD09, MTV+05, MDPG07, MBF+07, MBF+08, NRD+06, OLH+08, ORM+08, Pow06m, RGL+09, Rob08-29, SS07, Tum05-45, UTK+09, VDSV06, WH06, WF05, WF07, YKH+08, YLM06a, YKBR09, Yu06]. **checkpoint-mediated** [LFW+09a, LFW+09b]. **checkpoints** [LeB05-99]. **Cheeseman** [Sho09-28]. **chemical** [DCMB+07, HDS+07, MAG05]. **chemoattractant** [KBR+08]. **Chemoattractants** [KGKV07]. **Chemokine** [Wel07b, GMvdKC07, LeB08-29]. **chemokine-induced** [GMvdKC07]. **chemokines** [Wel06-38]. **chemorepellents** [KGKV07]. **chemosensing** [XMSYJ07]. **Chemosensitivity** [Sho09n]. **chemotactic** [KNT+07]. **chemotaxing** [JLL+07]. **Chemotaxis** [Pow07d, Wel05h, KNT+06, PB05, Tum06-34, VKGV08, WFJ06, vKGK07]. **chemotherapy** [BRY+09]. **chewing** [Rob07c]. **Chibby** [LMHT08, VTT+09b]. **chill** [Les08q]. **CHIP** [LHZ+08]. **Chironomus** [KHBV05]. **chitin** [Nyb05m]. **CHK** [KHW+07, KHW+09]. **CHK-1** [KHW+07, KHW+09]. **Chk1** [RMKS08, SFB09, TMZ+09, YLM06a]. **CHK2** [BLT+09a, DCA+06]. **Chlamydia** [PCV+08]. **chlamydial** [PCV+08]. **Chlamydomonas** [LW07a, Les09k, BSM+08, BSM+09, Den05, GWS09, HDM+07, LJS+09a, TWL07, UZ08, iWK06]. **chloroplast** [UZ08]. **chloroplasts** [CCC+06, LS06, WAKS08]. **CHMP5** [SXH+06]. **choice** [GLH+05, Les07k]. **Cholesterol** [DSLY+05, RKvdK+09, Sed07a, CTY+06, CC09, LeB07x]. **Cholesterol-induced** [DSLY+05]. **chondrocyte** [ZBKJ07]. **chondroitin** [OBY+06]. **choosy** [Tum05-81]. **CHOP** [Sho09-27]. **choreography** [Les06e]. **Christian** [Sho09o]. **chromatid** [KPS+07, TKSNG07, WWK+06]. **chromatids** [JGY09]. **Chromatin** [AH05, Tum06h, WSFD07, AVHH09a, AVHH09b, AG09, BLMS06, BEN+05, BGdN+08, CS07, CDW+05, DGSN06, DTR+05, GLX+09a, GLX+09b, GTB+07, HGJ06, HBPL09, HM08, HKP+09, JBFC07, KCD+06b, LeB06-27, Les07k, Les09-36, LJS+09b, MHM+07, MBdR+08, MMC08, McN09, MBJF+08, MRK+07, MJF+07, NWR+08, OLKK09, PNO+09, Sed08g, Sed09d, SMT+08, TDD+05, TMAL+06, WLS+09, Wil07-45, Wil09o, XNM+09, vdBKB+07]. **chromatin-associated** [vdBKB+07]. **chromatin-bound** [DTR+05]. **chromokinesin** [TTO+08]. **chromosomal** [BSO+08, CYO+09, GGB+08, TC08, VML06, YDL+06, YEL+08]. **Chromosome** [BLvH+05, Com07, DBK+07, Pow06c, DSK+06, GLH+05, HBPL09, iHBD08, HH06b, JWC+08, JMB+07, KKM09a, KCH+06, MBdR+08, MLS+07, MFH05, MPLF+09, MFC+09, OOS07, OOS09, PMK+07, Pow05e, RSM+08, RP08, SLP+06, TTO+08, WWK+06, WWvD07, XOV+09, YRSM+09, ZAM07a, ZAM07b]. **Chromosomes** [LeB07i, Les07l, BJKF05, Bon05j, CM09, HH06a, KSL+05, LeB08n, Les09p, Sed09m, WH06, ZRBS07]. **chronic** [Wel06s]. **Chs2p** [ZKN+06]. **Chs3**

[LDS+06]. **cIAP1** [VCC+08]. **CIB1** [LLJ+05, YLM+06b]. **Cilia** [QP05, Wel05i, Wil07h, Cho09a, HRK+09, HDR09, KAD+08, Les07x, Les08-65, POCS+06, Sch08, SBW+07, SR07, VTT+09b]. **ciliary** [AFV+05, LDR+08, Mar08, Smi07]. **ciliated** [ESG+06c, VS07]. **ciliogenesis** [FFW+07, POG+09, SGB+06]. **cilium** [DMC+07, GSL+07, JNHB08, MSR09, PALW05, SSD+09, STM+07, iYEF+07]. **CIN** [RP08, YD08]. **CIN85** [JSC08]. **Cin8p** [CGJ09]. **Cindr** [JSC08]. **circle** [HGJ06]. **circuit** [SJL+07]. **circuitry** [HR09]. **circular** [HRLH08]. **Cirque** [Ban09]. **cis** [KVS+09, LLC+08]. **cis-** [KVS+09]. **citron** [GNL+06]. **CK1** [GWS09]. **CK2** [BFB+08, TSP+07, Wil08i]. **Cl41** [LCT+09]. **CLASP** [CBZY08, HH06a, KLG+09, Sho09z, WWS05b]. **CLASP1** [MKGL+05]. **CLASP2** [MKGL+05]. **Claspin** [FBJB+09, YLM06a]. **Class** [MCF+05, ZMGC05, AFN+08, CMF+09, JHY+08, LK05, ST09, STvdB+09, VLFA+07, GTO+07]. **Classical** [DCEM09]. **clastosomes** [JMM+06]. **Clathrin** [DPK+05, EBMG09, BHH+06, DBW+06, FN06, KKM+08, LPB+07, LTAM+09, SDDV05, SSM+08, SCK+07, WMT07, LRCH+05]. **Clathrin-** [DPK+05, SCK+07]. **clathrin-coated** [BHH+06, SSM+08]. **clathrin-dependent** [DBW+06, LTAM+09, WMT07]. **clathrin-independent** [SDDV05]. **Claudin** [Sed08d]. **Clean** [Wil07i, Kat06e, Les08o, Wel05-69, Wil08e]. **Cleaning** [LeB08d]. **cleans** [Sed08l]. **clear** [LeB08-27, Sed08f, Sho09x, Wel06w]. **clearance** [FSR+07, YCR06]. **clears** [LeB06-32, Rob08c]. **Cleavage** [VDA+08, YHC+06, ACsHS08, AAG+09, BBvD05, CVACF07, GG06, GT08, GKvdB07, HOH+07, IDTT+09, LeB05-74, Les08a, LVDR05, MDC+08, NSO+09, OF08, Rob08v, TSN+07]. **cleavage-independent** [CVACF07]. **cleaves** [TP09, YIfHA09]. **cleft** [CBG+06]. **cleft-associated** [CBG+06]. **client** [SZL+09]. **climb** [LeB09c]. **CLIP** [DvCvH+08, Wit08, BKLT+08, LHL+08]. **CLIP-170** [BKLT+08, LHL+08]. **Clipping** [Tum05j]. **CLIPs** [Wit08]. **clock** [Kat06a, LeB05-28, Les07-59, Les08-60]. **Clonal** [Wel07c]. **cloning** [Wil08u]. **close** [Les06v, Les07-35, RW08b, RW08e, Sed07e]. **closed** [ABvBHH06, NRD+06, Wil06k]. **closely** [SCR+09, WBLL06]. **closes** [LWL08a, LWL08b]. **closet** [ZHS06]. **Closing** [Les07m]. **closure** [STK+05, TPNS07a, TPNS07b]. **clothing** [Wil07-68]. **Clp1** [CWRG+08]. **Clp1/Cdc14** [CWRG+08]. **ClpX** [Wel05j]. **cluster** [CMK06, KIKI+07, SFS+07, XC08]. **Clustering** [Wil07j, CSL+05, JBL+07, LeB07y, SMH+09, TJC06, TSALS05]. **clusters** [HBD+05, Kat06c, MMH09, Nyb05i, SFEK07, SFS+07]. **CMT2A** [DC07]. **CNP** [LGZ+05]. **CNS** [DG08, WTE+08]. **co** [MQWP08]. **co-activator** [MQWP08]. **Coassembly** [DDRL+09]. **coat** [GL06, Heu05, LPB+07, LDPLS05, LRCH+05, WHOS06]. **Coated** [Pow05f, BHH+06, SSM+08]. **Coatomer** [CFL+05, MSM+07, RCT09]. **Coatomer-bound** [CFL+05]. **cochaperone** [CCC+06]. **Coddling** [Les07n]. **code** [RAS+07, RAS+08b, Sho09c, Wil08k]. **codes** [MIBT06]. **cofactor**

[MRL+08, STL+07]. **Cofilin** [FBD+08, KOKM07, OD07, Sed08e, SWM+07, BKBM06, CM06, KCMB08, LeB06-53, NTY+05, OYM+09, WMS+06, vRSvR+07, vBDF+09, DvRF+05b, WHB+07]. **Cog3p** [ZL05]. **cognate** [CCS+06, KFK+05]. **coherent** [MS06]. **Cohesin** [AJR+09, LBVN09, LeB06j, NWR+08, Sho09p, HCK+07, KKGD05, NAF09, TSALS05, YK07, ZKS+08]. **cohesin-dependent** [KKGD05]. **Cohesinopathy** [GLX+09a, GLX+09b]. **Cohesins** [Tum05k, DSK+06]. **cohesion** [BSW+05, CS09, HS09b, RSM+08, TKSNG07]. **coil** [BBF+07, BLC05, HW09, KHWC08, SGKM08]. **coiled** [BBF+07, BLC05, KHWC08, SGKM08]. **coiled-coil** [BBF+07, BLC05, SGKM08]. **Coilin** [Les07o]. **coincidence** [Sed08e]. **coli** [Kat06d, BM07]. **collaborate** [LeB08r]. **collaboration** [BJC+06]. **collaborator** [Les09-33]. **Collagen** [SFC+08, CEY+05, LeB05-102, RG06a]. **collapse** [RW08d]. **collateral** [EW08]. **collecting** [NIC+09b]. **Collective** [KBR+08, Pow07e, LCL+07]. **colon** [GCSG+05, OMLP+08]. **colonies** [Tum05-53, VP05]. **color** [Wil07-55]. **combination** [DSN+07b]. **combinations** [BJZ+09]. **combinatorial** [KLW+05, ZMA+07]. **combined** [HWJ+08]. **combines** [KHWC08]. **come** [Les09o, Rob08r]. **comes** [Les07q, Ped08, Sho09m]. **comet** [BKBM06]. **commitment** [SQB+08, VWM+07, dPMF+09]. **committed** [GNE+07]. **committee** [Ros07b]. **common** [RMV06, Wil09s]. **communicate** [HdM09]. **communication** [BW08, vZPG+07]. **compaction** [DSK+06, GTB+07, LJS+09b, MJF+07]. **Comparative** [BHH+06]. **compartment** [DBvdW+06]. **Compartmentalization** [vRCB+07, BMK+07, LFS+05]. **compartmentalized** [FML+06, TDP+06]. **compartments** [AWM+08, HR05, LOG+06, SHX+07, Tum05-80]. **COMPASS** [NLG+09]. **Compensatory** [WLLF+08]. **compete** [Wil07t]. **competence** [KS08, YTB07]. **competent** [YTY+07]. **competes** [SRD+07]. **competing** [KII+08]. **competition** [TTNA+06]. **Competitive** [WOP+06]. **Complementary** [Rob08i]. **Complementation** [DC07, GSHD08]. **Complete** [GSB+06a, IBS+05, GHY+05, XMA+09]. **completion** [DHR+08]. **complex** [AXM+05, ARKS+08, ASH+09, AHM+05, BSA+08, BBF+07, BKE+07, BFCS+07, CNW+05, CSSE06, CLR+06, DGG+08, DXC+09, DTW06, DS07, ERM+09b, FKJ+09, FN06, FDV+06, GMW+05, qGyWX+08, GEP08, GFH+06, GMvdKC07, GMM+08, GTHK05, GDR+05, GMZ+08, HSLI09, HJ06, HRB+06, HRK+09, HRS+05, HZR05, HPH+05, KCAS05, KAL+06, KCH+06, KBGG+08, KCOS06, LU05, LH05, LBI+08, Les05f, LPB+07, LDL+09a, LFL+05, MMCW06, MFS+09, MSL+09, MMC08, MXR+05, MRO+05, MQL+06, NWB+06, NRD+06, NdCF+05, NNS+08, OHK07, OMF+05, OSM+09, POGL08, PSL+06, PNO+09, PMC08, PGO+07, Rap05, Rex09, Rob08-30, Rob08-44, RKH+09, RXA+08, RWM+05, SRA+05, SYM+08a, SYRL+08, SB09, SWT08, SSP+07, SBMP05, SMM08b, SRD+07, SMT+08, SNPCG06, SGKP+07a, SGKP+07b, SMM+08c, SKO+06, SLNS06, THY+06, TW07, VML06, VBG+08, VBSM06, VCSG07, VCC+08, WZO+05,

WHOS06]. **complex** [WKCY+08, XOV+09, YM09, YDL+06, YPG05, ZWG+05, ZKS+08, ZKG+08, ZCJ+08, ZMH+09, deC09]. **Complexes** [LeB05s, BKHR05, BLH+09, BBM+08, BVS+09, DLH+09, ELD+08, JSPT05, hKDH+08, KGM+07, LeB05-82, LPM+07, MWSK06, OFfL+07, PHB+07, SHC07, SRBL06, SM09, ST09, SHS+06, TDD+05, Wel05l]. **complexins** [RWB+05]. **complexity** [ZB09]. **component** [CSSE06, EFCP07, FKJ+09, FTM+06, GGC05, POG+09, RDY+05, SNC+06, SORM05]. **components** [CBG+09, KPR+07a, KPR+07b, PPA+08, SWT+05, XGX+09]. **composite** [BKLT+08]. **composition** [CCH09]. **comprehensive** [YCX+08]. **compressive** [BMK+06]. **compromised** [WBK+06]. **Computing** [Wel06e]. **Con** [Bea06]. **Con-nectin** [Bea06]. **Conboy** [Pow09a]. **concentration** [EMPK+07, KRP+09, YM06]. **concentration-dependent** [KRP+09]. **concentrations** [YKBR09]. **Concentric** [BB05]. **concept** [HK08, KSpLL06]. **concert** [TMH+06, WPWF08, ZKR+07]. **Concerted** [GJL+08, LWL08a, LWL08b, POCS+06]. **Condensation** [GCF+05, BLMS06, LeB05-40, MTRJA05, McN09]. **condensation-mediated** [MTRJA05]. **condense** [Kat07e, Kat07f]. **Condensed** [CDW+05, HKP+09, Tum05y]. **Condensin** [BLMS06, NNK+08]. **Conditional** [JLG+06, SPA+05, YCX+08]. **conditions** [WGL+06]. **cone** [FSN+06, HHT+07, LeB06-66, Tum06q]. **cones** [Bon05d, LeB07-44, OFY+05, WHB+07]. **Conference** [Wel06o]. **confers** [DLBSD+05]. **configuration** [OIAT06]. **confined** [FFS06]. **conformation** [WCR+05]. **Conformational** [oSCW07, ABvBHH06, CHSV07, HM08, PKK09, SWS+08]. **conformers** [NRD+06]. **congression** [MSB06, RSM+08]. **conjugated** [MAK+06]. **conjugating** [AZP+05]. **conjugation** [HDR09]. **conjunction** [HEW07]. **connect** [JMG+06]. **connected** [AWM+08, BMT+07, Les09t]. **connection** [BP05, Hor09, LeB05-66, Les07m, Les09n, LR07, Rob08x]. **connections** [Les08-31, LLT+08, RH09]. **connects** [HCL+07, RG06b]. **connexin** [Les07m]. **connexin43** [vZPG+07]. **Consensus** [KBI+08, SBC+06]. **consequences** [WBP+08]. **consequently** [MBdR+08]. **Conservation** [Mat05]. **conserved** [ASH06, ADD+06, BFWH07, BMGPB+08, CBIO05, DS07, GD05, HOZ+09, IH05, JBF+08, LFMO+09, OHP+09, POG+09, RDY+05, SDI+06, SSP+07, SSS+08b, SDW+09]. **consolidation** [LLL+06, RCS+09]. **conspiracy** [Les06-29]. **constituents** [FTT+05]. **constitutes** [IFF+05]. **Constitutive** [SMT+08, BXN+06, FNH+05, KWU+05]. **constriction** [SHS+09]. **Constructing** [Wil07k]. **construction** [BW06, LeB06l, NAS08]. **consumption** [Wel06-34]. **Contact** [CCL+07, NPHT08, BvRJ+05, FIK+05, FIK+20, OLLG05, WZCB+06]. **Contact-dependent** [CCL+07, NPHT08]. **contact-induced** [FIK+05, FIK+20]. **Contacting** [Pow05g]. **contacts** [BBM+08, IFF+05, KKW+09, MCSY07, MFS+09, RKvdK+09]. **contain** [PH07, SGKM08]. **containing** [AHM+05, CSSvM08, DPMB+07, HFF07b, JFM+09, KBI+08, LBG+06,

MHM+07, CHA05, HAT+05b, hKDH+08, KCOS06, LPB+07, YOS+05]. **content** [Hil07, LeB06b]. **context** [SN05, Sho09-40]. **context-specific** [SN05]. **contiguous** [SLP+06, TDP+06]. **continued** [KYK+06, SFB09]. **continuous** [PVJJ07, SWT08]. **Contractile** [Tum06i, BLL+06, CHCM06, JTH09, KOM07, NAS08, RGCWG09, SWI06, WSK+06]. **contractility** [BRH05, SGMPV07]. **contraction** [CCL+05, RG06a, WRMH07, dRKD+05]. **contractions** [Pow05x]. **contracts** [Rob07j]. **contrasting** [LWG+05]. **Contrasts** [LeB05t, OF08]. **contribute** [BJZ+09, NAS08, PPA+08, TMW+05, ZRBS07]. **contributes** [ADC+07, BBF+07, BFB+08, BWFdL09, CWRG+08, FDV+06, FMD+09, GSdBS09, MDC+08, MSO09, RKT+07, SFY+05]. **Contribution** [YHD+09, SDL+05]. **contributions** [OLKK09]. **Control** [GCS+07, SRL05, AS06, BFG+06b, BHG+05, CFU+09, CN06, DvRF+05b, DTR+05, DLH+09, DCEM09, ELM09, ESZK06, EMMN+05, GMW+05, GC05, HBK+06, HK06, HO08, HAT+05b, HDS+07, HG07, JBYW06, KBW+06, KR06, KKW+07, KDG+09, LeB06-72, LW07b, Les08-54, Les08-58, Les09d, LFMO+09, LLC+07, MLC+07, MAZ+08, NCB+08, NCB+09, NN07b, NMZ+09, OLS08, OYM+09, OHP+09, PGWH08, PCPW08, Rob08i, Rob08-37, RKvdK+09, SMH+09, SRN+07, TKK+05, Tum05-34, Tum06-32, TTE+07, WIL+05, WH06, WRP+06, Wel05g, Wel06t, Wil08b, YBT+05, YNL+08, YWW+08, YWRA07, ZTKK05, dPMF+09]. **controlled** [BJLM+05, MVC+07, MFBG+08, OMGW+06, SYM+08a, XMSYJ07]. **controller** [Vau05, Wil08i]. **Controlling** [Tum05l, Tum05m, EMB+08, FA08, GH05, LR05, SWM+06, TM05]. **controls** [BMK+07, BMGPB+08, CLL07, DXC+09, EMPK+07, FSG+07, FKML+06, GG06, GPC+06, GFD+05, HFF07b, HWS+07, JKDH08, JWC+08, JLM+07, JLL+07, KKGD05, KP08, KLRS07, LPA+07, LOG+06, LeB05a, Les06f, Les08b, LCB+08, MLV09, MCRVC+08, MAOM06, MRO+05, MKSJ06, NIC+09b, PAV+06, PBD+06, RHMW+05, SGB+06, SCD+08, SRS+09, SHB+07, SCF+07, Tum05t, Tum05-59, VTT+09a, Wel06-45, WKC+09, WAW08, WZCB+06, WF06, WF07, ZHI+08]. **Controversy** [SS06a]. **convergence** [BMR+08, LSC+05, RG06a, TMI07, YKP+08]. **convergent** [KHH08]. **converter** [Wil06e]. **converting** [PCR+07]. **converts** [KRP+09]. **COOH** [IPAR05, SDS+05]. **COOH-terminal** [IPAR05, SDS+05]. **cooperate** [BCJ+07, FSS+09, MCSY07, RGCWG09, Rob08z, SMH07, ZAM07a, ZAM07b]. **cooperates** [KHH08, LMHT08, LKL+05, QU08]. **Cooperation** [KGM+07, YKP+08, BHJ+05, IPAR05, LeB06-38, NIC+09b]. **Cooperative** [LeB05u, Tum06j, MSK05, SFC+08]. **cooperatively** [SOW+09]. **Coordinate** [YBT+05, DHT+09, HSLI09, LeB05s, LeB08-31, LSNY08, LHM+09, MPG+09, SWD+08]. **Coordinated** [MM05, NCB+08, NCB+09, SSM+08, BPL+08, OHP+09]. **coordinately** [DRD+05, FvD08, HF06]. **coordinates** [AWR+07, CCL+08, HCN06, HPH+05, LHL+08, LSIT+08, NWO06b, THS+09]. **Coordination**

[ST09, TSS+06, FKB+05]. **cop** [Les09q]. **COPI** [ARKS+08, CFL+05, LYH+05, LDPLS05, WBE+08]. **COPII** [BHG+05, GL06, YSP+06]. **Coping** [LeB06k]. **copying** [Les09z]. **cord** [HFY+06, Les08m, SSJ+07]. **core** [DR07, ECR+09, HWSJ08, HZR05, LPF+06, LWL08a, LWL08b, SHL+09]. **core-binding** [LPF+06]. **coreceptor** [KDV+09, WZC+08]. **coreceptors** [Tum05j]. **Coregulated** [BLR+06]. **Coregulation** [SBF+06]. **corepressor** [SLMK08]. **coronin** [BKBM06, KCMB08]. **correct** [BH08b, HFF+07a, LeB06o]. **Correction** [ASB+05a, AM05a, BFG+06a, BC05, CRS+06, DTY+05a, DvRF+05a, DSN+07a, ESG+06a, ESG+06b, FBD+05a, FCB+19, FIK+20, GSB+06c, GSB+06b, KMK+05a, MSW+17, NWO06a, NYI+05a, PWM+06b, RMZ+07, SPT+21, SFY+06, SDN+05a, TÖL+06a, TFC+06a, Tum05n, WIL+06a, lWHMH06a, Wel06f, Wil06d, WWS05a, WNF+05a, WTH06, YWW+05]. **corrects** [CGGT09]. **correlate** [PWD+06]. **correlates** [GSJ+08]. **corridors** [LeB06-48]. **Cortactin** [OYM+09, SDDV05, LMM+09]. **Cortex** [LeB06l, CHCM06, IMY+09, MKGL+05, RYN05, SON06, VSG09, yYMM05]. **cortical** [BSF+08, CKG+08, HYB08, JTH09, JWSS05, KO07, LYTL07, SSK+09, UFY+07, WMSB+06]. **Cosmc** [Wil06e, JASC08]. **costameres** [KFR+08]. **costume** [LeB08v]. **cotranslation** [CSTT+06]. **cotranslational** [CJMG05, JCMG08]. **cotransport** [MTL+06]. **Could** [Wil07l]. **count** [Rob08-47]. **counter** [SWT+05]. **counteracting** [GFD+05]. **counteracts** [FBJB+09, MRKH05, WM05]. **counterdiffusion** [DPD+09]. **counterparts** [BRY+09]. **Counting** [Tum05o]. **couple** [DP07, PRZ+08]. **Coupled** [SS09, NVC05, TSP+07, YOY08]. **couples** [DGSN06, DTW06]. **Coupling** [CLK+07, CLR+06, AFV+05, CCL+08, DFA05, Joh09, LYH+05, MAG05, SHH+08, SBV+06, TDT+08, WBG+08, WvdLH+07]. **course** [LeB06-53]. **court** [Sed08m]. **CPG** [OBY+06, BEN+05, SRL+06]. **CPG-1** [OBY+06]. **CPG-2** [OBY+06]. **CpG-induced** [SRL+06]. **CR3** [LHL+08]. **CR3-mediated** [LHL+08]. **CRAC** [LWBL06]. **Cracking** [PvdGS06]. **CRAG** [QIH+06]. **crazy** [Wil07i]. **CRB** [OFfL+07]. **CRD** [SSSL05]. **create** [Pow07i]. **creates** [SFB09, VMKW+08, Wil07j]. **CREB** [WBG+08]. **crest** [KLW+05, TMW+05, WPDZ+06]. **crew** [Les06z]. **Cripto** [DLL+08, WNL+09]. **Cripto-1** [WNL+09]. **crista** [RSS+09]. **cristae** [RSS+09]. **Critical** [GXJF07, PMS+07, ASSST06, BZHA+08, BHJ+05, JAV+07, JBYW06, JCMG08, LGG+05, NLG+09, NTY+05, PUG+06, RKH+09, Wil07m]. **critically** [BGZ+07, SCFKB07]. **Crk** [SMM08b]. **CrkII** [HWJ+08]. **CrkL** [NNS+08]. **CRM1** [HFvdV+05, HAT+05b]. **CRM1-dependent** [HAT+05b]. **CRMP2** [RP05]. **cross** [BPL+05, CBMCSS08, CTY+06, KKW+08, LC09, Rob08h, YTH+09]. **cross-linked** [CTY+06, LC09]. **cross-linkers** [CBMCSS08]. **cross-linking** [KKW+08]. **crosses** [GDW+07]. **Crossing** [NVC05]. **Crossovers** [LeB05v]. **crowd** [LeB05-38, Les08-54, Nic09a, Rob08-28]. **crucial**

[BSH+07, iHBD08, LW07b, SHS+06, ZXM+06]. **Crumblin'** [DP08]. **crumbs** [LWHC08, LWHC08]. **Crumbs3** [FFW+07]. **cryo** [MWSK06]. **cryoelectron** [NPBP07, OHK07]. **Cryopyrin** [LMV+09]. **Cryopyrin/Nalp3** [LMV+09]. **cryptic** [GHM+09]. **Crystal** [XMA+09]. **Cse4p** [HGJ06]. **Csk** [VSR+08]. **Csk-binding** [VSR+08]. **CSP** [OVL+07]. **CTD** [CVACF07]. **cten** [LSdWL07]. **Cu** [MSH+05]. **Cu/Zn** [MSH+05]. **Cubic** [AKD06]. **cue** [Les06h]. **cues** [HP05, LeB05-54, ZMA+07]. **Cul3** [MOS+09]. **culture** [KAD+08]. **cultured** [WWL07, XLH+07]. **cultures** [ABA+06, UFY+07]. **cup** [BMG+07, SS08b, vBAS+07]. **Curbside** [Pow05h]. **Curing** [Wel06g]. **curved** [MGBM+09]. **Curves** [Wil07n]. **cushion** [NBM+08, NFC+08]. **customers** [LeB08c]. **cut** [LeB06t, Les08-66, Wil07p]. **Cut12** [TTYH09]. **cuts** [LeB07-27, Sho09-29]. **Cutting** [Les08m]. **Cx43** [SMRS+07]. **cyclase** [SSJ+07, TDT+08]. **cycle** [BTD+07, BP05, BAdSG05, BvOM+07, BMB+07, CGLC+08, CSW08, CWC+07, DVF+06, EMB+08, GAS06, GGH+08, HXZ+07, JGAS08, KR06, LeB06i, LeB06-44, LZM+06, Les07-62, LHM+09, LTDH05, LG07, LG08, MYO+05, MPL+07a, MSO09, MAG+08, MMU+09, NPMZ06, PMS+07, PMW05, PWD+06, Pow05x, QP05, RMAA08, RP07, Sho09l, SD07, SGDM06, SWM+06, TWC+07, Tum05-35, Tum06z, Tum06-30, ULN+07, VDSV06, WZO+05, Wil07-56, WWK+06, YR09, ZTZ+09]. **cycle-dependent** [EMB+08, GGH+08]. **Cycles** [LeB05w, GHP06, LeB05c, Mis05, Sed08n, Wil09o]. **Cyclic** [BAdSG05, OFY+05, PBD+06]. **Cyclin** [KST+07, Les06f, CTS+05, KZH+07, LKL+05, MHL+06, MFO09, PLH+08, RMKS08, TWC+07, YWW+08]. **cyclin-dependent** [PLH+08]. **Cycling** [Les07p, CHA05, KBK+05, TM05, Tum05-60]. **Cyclodepsipeptide** [SZL+09]. **cycloheximide** [Wel07l]. **Cyk3** [NSO+09]. **CYR61** [TCHL05]. **cysteine** [TRS+08]. **cysteines** [SPK+09]. **cystic** [JSFP08]. **cytoarchitecture** [OMGW+06]. **cytochrome** [SMWdV09, CLA+05]. **Cytokine** [KBK+05, TPA+08, LeB07-45, LHRP05, SRL+06, SDDV05]. **Cytokine-driven** [KBK+05]. **cytokinesis** [AHM+05, BBFN07, CWRG+08, DHR+08, GCM09, GTHK05, GT08, GNL+06, HO08, HCFM08, JD06, LeB05-86, LeB07-65, LB08, MOS+09, PWW+09, Pow05q, RBJL06, Tum05e, VSG09, vDVM+09]. **Cytokinetic** [Can09, CGK07, CAR+08, FvD08, WSK+06]. **Cytomegalovirus** [Les09l, PPS+06]. **cytomegalovirus-encoded** [PPS+06]. **Cytopathic** [PPS+06]. **Cytopathicity** [PCV+08]. **cytoplasm** [CLR+06, MDC+08, MHC+09]. **Cytoplasmic** [BKMW08, PFG+05, AFM+05, CHA05, CJMG05, HLM+08, HFM+05, HCC+07, LSDFS08, LPN+08, LGBD+07, MSB06, Rob07h, SNC+06, SDS+05, VDSV06, WHC+07, WZM+08, WBT+08, WPL+06, ZWO+09]. **cytoskeletal** [GQSHO05, RH09, SSZR07, WLK+05, YHJ+05, ZRH+09]. **Cytoskeleton** [BBM+08, CJW07, DBDD06, JSC08, LeB07-61, LCS+09, MPD09, NAS08, Pow05y, RKH+09, SHS+09, TSP08, TSS+06, WWL07, ZJH08]. **cytosol** [vKST+07]. **Cytosolic** [MuMI+06, RMP06]. **cytostatic** [DUR+05].

Cytotoxic [WSS+06]. **Czech** [LeB06-52].

D [BKHR05, CCL+08, DNG+06, FHS+07b, FKML+06, GdTAR07, GMM+08, HSTM06, LJR+05, LMMHP+05, Les07-69, MRD+08, OMLP+08, VBL+05, Wil09a, XSVGR05]. **D-loop** [Les07-69]. **D-mediated** [FHS+07b]. **D.C** [LW08]. **D.C.** [LP05]. **D1** [CTS+05, KZH+07, YWW+08]. **D1/microRNA** [YWW+08]. **DA-Raf1** [YTY+07]. **Dab2** [TTG+09]. **Dab2/integrin** [TTG+09]. **Dachsous** [IMY+09]. **Damage** [LeB06m, BJLM+05, BLMS06, CCS+08, CKKG05, CSMP+09, DCA+06, EW08, HKLM06, HKLM07, KKK+05, KHW+07, KHW+09, LeB05z, LeB05-65, LBS+08, LDL+09b, MBJM+09, MBJF+08, MDWH+08, MRL+08, MJF+07, PGP+07, Rob07n, SS07, SRS+09, SDC09, SBC+07, TRC+08, WH06, WCB+08, Wel06-46]. **damaged** [SMT+08, SiTT+08]. **dance** [Wil08m, HOH+07]. **Dances** [LZ08]. **danger** [PGP+07]. **Dap160** [KKW+07]. **DAPK** [KWY+06]. **dark** [EFG+05]. **Darkness** [Mar06]. **data** [RVH07, Sed08i]. **DataViewer** [Hil08]. **Daughter** [Les08n, GT08, ZKN+06]. **David** [Sho09q]. **DBA** [HLJ+07, JLB+05]. **DBA/2J** [HLJ+07, JLB+05]. **Dbf2** [MHC+09]. **Dcp** [HCB+08]. **Dcp-1** [HCB+08]. **DDA3** [JWC+08]. **DDR1** [FKML+06]. **DE-cadherin** [PR05]. **Deacetylate** [LeB05x]. **deactivation** [TD08]. **Deadenylation** [ZEC+08]. **deadly** [Les06-29]. **deal** [Pol08]. **dear** [Les06l]. **Death** [LeB07j, Les07q, Tum06k, Wil07o, ASSST06, Ash08, BLB+05, BLMS06, BEH+06, CMD+08, CLL07, FAG+07, GH05, GHM+09, HZL+07, HlQY+06, IH05, JMB+07, LeB05-56, LeB05-55, LeB07-54, Les06b, Les07g, Les07u, Les09e, LCL+07, MDET08, MDH+06, NDS+07, Nyb05c, PKM+05, SFP+05, THL+06, TP09, TGRD09, Tum05-53, Tum06-42, VP05, WLE09, WZM07, Wel05-55, Wil06c, Wil09h, Wil09l, XJF05, YTB07]. **Death-defying** [Wil07o]. **decay** [DCMB+07, FBD+05b, HLL+09, LGBD+07, ZEC+08, vRG08]. **December** [LK06, LW08, WL07, dSW09]. **decide** [Rob08-47, Sho09y, SMR09]. **decision** [LRBM09, Wel06-42]. **decision-making** [Wel06-42]. **decisions** [Wil07f]. **decodes** [LeB06-57]. **Decoding** [Mua05, vRG08, RSL06, Wil08m]. **Decondensation** [Tum05p, AH05, WLS+09]. **Deconstructing** [YCX+08, Wil08f]. **Decorin** [GHN+09, Sho09r]. **decrease** [PCG+05]. **Decreased** [GHK+09, TRC+08]. **decrepit** [Wel05d]. **dedicated** [HSK+05]. **Deep** [Heu05, LeB07-61, Sho09u]. **Deep-etch** [Heu05]. **deepest** [HB08]. **deeply** [CB08]. **defasciculation** [YBT+05]. **default** [BHY+08, LeB07j]. **Defaulty** [LeB06n]. **defect** [dGSWW+06]. **Defective** [GHDS+07, JBL+07, MLH+06, HFF+07a, SNG+07, SBC+07, THN+06]. **Defects** [MLS+07, CRLP07, CC09, DNK+05, DC07, DSN+07b, EVF+08, KHB+05, MDL+09, OFfL+07, PhXD+06, RMR+09, RSM+08, SCFKB07]. **defense** [SBC+07]. **Deficiency** [WHM+07, YZO+07, BGJ+07, EFM+07, HTKR06, KPS+07, SMM+08a, Sed09f, SVS+07a, SVS+07b]. **deficient** [BLL+06, EYB+06, KR07, KWU+05, LHS+05, MBL+07, SNG+07, SNPCG06, WBL+06, FPP+08]. **deficits** [HZL+07, HJK+06]. **define** [FHS+07a].

defined [KZS07]. **defines** [COB+08, MCF+05, PFD06, SRQL09, ZRH+09]. **Defining** [HLS+09, SBJ+07, Wel05k, Wel05l]. **definition** [ELD+08]. **deform** [MPS+07]. **deformation** [BHG+05, HRLH08, TSS+06]. **defusing** [Les07u]. **defying** [Wil07o]. **degeneration** [ASK+09, BFL+05, EGR+05, JLB+05, LJR+05, WZC+05, WRKC+09]. **deglycanation** [MBR+06]. **degradation** [CHO+09b, CEY+05, FCDM+07, GGH+08, LLH+07, LCvD+08, LHZ+08, MLC+07, MG08a, MDW05, OOY+06, Pow06d, QIH+06, RRP+08, SGMPV07, SMM+08a, SS08a, SCD+08, SZL+09, SN05, TdVM+07, TAK+09, TGRD09, Tum05-63, VCC+08, WHR+09, YGW06]. **degraded** [BLB+05, CBG+09, Les05a]. **degranulation** [NYI+05b, Tum05q]. **dehydration** [LeB07-50]. **delaying** [RMKS08]. **delays** [Wil06q]. **Deletion** [HZL+07, JSFP08, JLG+06, dGSWW+06]. **deliver** [Rob08e, Wil06c, Wil07-37]. **deliveries** [Les08-44]. **delivery** [CSB+06, KP08, KBR+08]. **Delta** [HBK+06]. **Deltas** [Les07-61]. **DeMali** [Wil08p]. **demonstrates** [BFWH07, PGWH08]. **Demonstration** [KGM+09]. **Dendrite** [Ehl05, HZR05, HFF07b, LeB06-71]. **dendrites** [Bea06, LeB07r]. **Dendritic** [WIL+05, Wil07p, dPMF+09, BMRP07, CHH+08, GTX+06, HLS+09, IDTT+09, LeB07-63, LSC+07, LLHH07, MTH+06, MIBT06, Pow05m, SSD06, TSN+07, Wel05-60, Wel06q, WPC+08, YGW06]. **dense** [DR07, ECR+09, HWSJ08, LWL08a, LWL08b, SHL+09]. **dense-core** [LWL08a, LWL08b]. **density** [GHDS+07, LeB08k, MFBG+08, PKJS+08]. **deoxyhypusine** [PCMSB09]. **Depalmitoylated** [GDR+05]. **depend** [YM06]. **dependence** [DLBSD+05, GGO+09]. **dependency** [GEH+07, Sho09n]. **dependent** [AFM+05, AAG+09, ANI+07, API+07, BSMT05, BM07, BRM+07, BBvD05, BAdSG05, BvOM+07, BRY+09, CBG+09, CNMM+06, CGGT09, CCL+07, CSB+06, DMBF+07, DRD+05, DBW+06, DOS+07, DZG+07, EIK+05, EMB+08, FHNG05, FHO+05, FKB+05, FSP+07, FD09, FPP+08, GdTAR07, GSiK+09, GHDS+07, GLS+09, GPC+06, GPJ+06, GC05, GQSHO05, GC07, GGH+08, GBNS07, HRB+06, HO08, HAT+05b, HLL+09, HCC+07, ITG+08, JKKM08, KRZ+08, KNY07, KKGD05, KRP+09, KGDR+07, KMSLS06, KKW+09, KKB+06, KNP+05, KZH+07, KBC+08, LMM+09, LSNY08, LC08b, LZM+06, LCR+05, LRS05, LCM+08, LPB+08, LG07, LG08, LTAM+09, LFS+05, LCL+05, LGG+05, MWY+09, MDC05, MVC+07, MGBH+06, MBJM+09, MPLF+09, MF08, MG08a, MFBG+08, MTH+06, MK07, NPHT08, NYI+05b, OTM+07, ORM+08, PLH+08, PWL+09, PRK+07, PRK+09, RCS+09, RLDC09, RCFB08, SSHW09, SSD06, SCD+08, SCS+05]. **dependent** [SGDM06, SSSB07, SCK+07, SWB+07, SLNS06, TKKT07, TMH+07, TNS07, WMM+09, WZC+05, WKH+06, WWX+06, WSS+06, WPC+08, WC07b, WGKA+08, WMT07, WWL07, YGR+08, YRSM+09, YZO+07, ZBKJ07, dRKD+05, MWY+09]. **depending** [SYM+08b]. **depends** [CTY+06, KFR+08, LeB07g, OBY+06, RSS+09, Sho09n]. **Dephosphorylation** [PGO+07, KTA+06, TLDB08, ToMY+08]. **depletion**

[MFC06, WBLL06, WCR+08, ZL05]. **depolymerase** [JWC+08]. **depolymerization** [BKBM06, HLS+09, NLL+06, ROKG08, THL+06]. **depolymerizes** [WDWC08]. **depolymerizing** [POGL08]. **deposited** [Hil07]. **deposition** [HOM+05, LZL+05]. **depression** [XLH+07, YJJ+09]. **deprivation** [XJF05]. **derepression** [BGJ+07]. **derived** [BSK07, FMM+08, WPDZ+06]. **Derlin** [OOY+06]. **Derlin-2** [OOY+06]. **Derlin-3** [OOY+06]. **dermal** [BFG+06b]. **dermomyotome** [BYK08]. **descends** [Mar06]. **desensitize** [vKST+07]. **Desmin** [PDM+08, KFR+08]. **Desmoglein** [GSiK+09, Sho09s]. **Desmoplakin** [GHA+05, LF07]. **desmosomes** [Tum05-46]. **despite** [MPD09]. **destabilizing** [ZHYE08]. **destination** [BHY+08]. **Destroying** [Wel07d]. **destruction** [Sho09d, Wel05-45, Wel07i, Wil06q]. **detachment** [MRKH05]. **detail** [Rob07k]. **details** [Sed07b]. **detection** [LeB06-55]. **determinant** [BXHD08, NLG+09]. **determinants** [GOM+09, SRE+05, WSG06]. **determination** [LS09, OYTO07, Wel05-31]. **determine** [JGAS08, KDD08, MNH05, SPS+08]. **determined** [CZM+07, NPBP07, SSZR07, XLH+07]. **determines** [BRM+07, CLA+05, GEH+07, KKM09b, Les06i, NDS+07, NWR+08, SWM+07, TÖL+06b, YBT+09]. **deubiquitinating** [WLY06]. **deubiquitylating** [ASH06, MW06]. **developers** [Wil09f]. **developing** [BLT09b, LSR07, SLCB05, YJJ+09]. **Development** [Wel05m, ABY+08, BTP+07, Ehl05, EVH+07, EVH+08, GKCM+08, GPN+06, GXJF07, HZR05, KKW+07, KKM09b, LDKT06, LSG+06, LCB+08, NSM05, NAG+08, PZG+07, SNC+06, SPA+05, SG09, Sho09f, TLM+07, TSN+07, VMY+09, WZW+09, WKC+09, WFJ06, WWC+07, ZHS06, ZMW+08]. **developmental** [CLL07, LN07, LW07b, Wil08m]. **developmentally** [PB05]. **Dhh1** [BAR+08]. **Dhh1/RCK** [BAR+08]. **DHHC** [JKW+09, LDS+06, NFI+09, SSSL05]. **Dia1** [BMG+07, Les07-54]. **DIAP2** [RKT+07]. **diaphanous** [SOR06]. **diaphanous-related** [SOR06]. **diastrophic** [GS07]. **Dicer** [TRC+08]. **dictate** [BLC+09, WCN07]. **dictated** [FMM+08, OD07]. **Dictyostelium** [JTH09, MBS+08, PB05, Sed08c, VKGV08, vKGK07]. **Did2** [NWO06b]. **Diego** [WL07]. **Diet** [Wel05n]. **Dieting** [Les08o]. **Difference** [Wel05o, Les07-66]. **Differences** [AMERT+07, OIFN+07]. **Different** [RCS+09, BFL+05, BJZ+09, DCAC05, LRS05, LWG+05, Nyb05k, Sho09t, Sho09-30, TDP+06, YMC05]. **Differential** [CS09, MWMS07, PG06, WBE+08, AMS+05, MKH+07]. **differentially** [BYK08, KCD+06a, SMG07, WMT07, ZDMD06]. **differentiate** [LeB05x, ONW+07]. **differentiating** [LLS+09]. **differentiation** [AS06, BWL+08, BDP+07, BEN+05, CTGVGFF08, DFB+07, DVF+06, GXJF07, GFH+06, GEN+06, GSiK+09, GLS+09, HPT+07, IPAR05, KBY+08, KLS+06, Las09, LSG+06, LHZ+08, LTDH05, MAH+05, ML05, NVC05, NCB+08, NCB+09, NLC+05, NRL+05, PZG+07, RYD08, SSH+05, SYA+08, SLCB05, Sho09s, SMW+07, SQB+08, SWM+06, Tum06x,

WPWF08, WLPB+09, YTY+07, ZHS06, ZXM+06, vdBKB+07]. **diffusing** [CBMCSS08, MCA+06]. **diffusion** [BKMW08, HSLI09, Kat07b, LeB06-71]. **dimensional** [AXM+05, DWMY09, KOM07, MMC08, MFM+06, NPBP07, OHK07, RLH+09, SSHW09]. **dimensions** [GHA+05]. **dimer** [CZM+07]. **Dimeric** [BBPM07, YOY08]. **dimerization** [MKV+09]. **diminishes** [BvRJ+05]. **dipeptide** [BAR+05]. **Direct** [LeB06o, MS06, PJMR06, RMP06, UPBM06, VMSV08, YLM06a, GOM+09, HWS+07, LSR07, LBC+07, MKH+07, NTHN+08, NFC+08, RMAA08, TDT+08, Tum05i, ZNP+09]. **directed** [BWFdL09, GNV05, LVL+05]. **directing** [DP08]. **direction** [Rob08-28, SMR09, Wel06e]. **directional** [BRM+07, GGEd+07, KKW+08, LPA+07, NTY+05, SSD+09, SLWA07]. **directionally** [PEER+05]. **directly** [FN06, MF08, NN07a, PPCZ06, VW08, WMS+06, YMCT08, YM09]. **directs** [KWS+08, SDB+05, Sho09s, Sho09-49, Wel06q]. **dis** [DZW+08]. **dis-** [DZW+08]. **Disappearance** [FDV+06]. **disassembly** [Den05, EBMG09, HDR09, KKB+06, KCMB08, MK07, NVC05, PWL+09, SWI06, WPC+08]. **disc** [FSN+06]. **discoideum** [PB05, VKGV08, vKGK07]. **discoidin** [SFC+08]. **discovering** [Pow05u]. **discovery** [Pow05m, Wel05p, Wel05q]. **Discussion** [Wel06-67]. **Disease** [MGK+09, BW08, CC09, DC07, FSR+07, GDW+07, JSFP08, JFM+09, KO06, LDKT06, Les07-45, Les08-28, LSC+06a, Mar08, MBL+07, PSL+06, Sho09-29, Tum05x, WWO+08, WLE09, YCK+05, Mis09b]. **disease-** [KO06]. **Disease-specific** [MGK+09]. **disengagement** [NAF09]. **Dishevelled** [AACS+06]. **Dishing** [Pow05i]. **disintegration** [CCL+05]. **disintegrin** [ADC+07]. **disjunction** [WWK+06]. **disk** [PDM+08]. **disks** [KFR+08]. **dislocation** [MLP06, STvdB+09]. **dismutase** [MSH+05]. **Disorder** [LeB06p]. **disorders** [IPC09]. **dispensable** [DPL+08, TLM+07, VCD+06]. **displacement** [HMR+07, KO07]. **displaces** [FOB+09]. **display** [TMY+09]. **disrupt** [CZP+05, GLX+09a, GLX+09b]. **disrupted** [JFM+09, LLC+07]. **disrupting** [BRKR06]. **disruption** [MPD09]. **disrupts** [EFM+07, MBdR+08]. **Dissecting** [WJM05]. **Dissection** [NNK+08, WJM07, VCSG07, iYEF+07, tDAK+05]. **dissociates** [NMO+07]. **Dissociation** [SKR+07, SL05, MTH+06, NWO06b]. **distal** [YBT+09]. **distance** [Les08-30, vDVM+09]. **Distinct** [AZP+05, IGFG+08, IPG+05, KCD+06a, KCS+06, MDWH+08, SRX+07, WL09b, WFJ06, ZWO+09, AVHH09a, AVHH09b, ABSK06, BTP+07, CCS+06, DZG+07, EVH+07, EVH+08, FSS+09, GEP08, GSC+07, GTO+07, HL06, HCC+07, JYZL06, hKDH+08, KSL+05, KFR+08, KKRP05, KDD08, LSC+05, MLC+07, RMZ+06, SH05, TPNS07a, TPNS07b, Tum05-80, TMY+09, WTE+08, WSS+06, WPL+06, WP08, ZTM+08]. **distinctive** [SZX08]. **distinguishes** [GEP08]. **distress** [BJKF05, LeB05-83]. **distribution** [CZM+07, CCC+05, CBZY08, HKV+05, LMHT08, LLH+09, SLP+06]. **disturbs** [JBL+07]. **Disulfide** [COC+05, BMT+07, FSnP+06, SMM+08c].

Divergent [GSC+07, CAL+07, KBS+06, LNG+05]. **diverse** [NAG+08]. **diversity** [LeB07-48, Wel07c]. **diverts** [Pow06m]. **Divided** [Wel05r, Les07-55]. **Dividing** [LeB05y, LeB06q]. **Division** [Les06g, Wel05s, CK07, FFW+07, GHP06, GGBV+07, KNY07, LeB07-29, LeB07-31, Les07b, MAG+08, MH07, Nyb05h, OBY+06, PVMH05, PVJJ07, RW05, RP07, TCKV05, Tum05m, Wel05o, YF08]. **divisions** [CSW08, LS09]. **DIX** [Wil07q]. **DJ** [OLC+07]. **DJ-1** [OLC+07]. **DLC** [LSdWL07]. **DLC-1** [LSdWL07]. **DLG** [OFfL+07]. **Dlg1** [EMMN+05]. **dLKR** [CMD+08]. **dLKR/** [CMD+08]. **DLL1** [GSC+07]. **DLL3** [GSC+07, LNG+05]. **Dmoesin** [COTAE+05]. **DNA** [BY09, BJLM+05, BJLK+06, BLMS06, CCS+08, CSMP+09, DMBF+07, DCA+06, DP07, DJV+05, ESZK06, GTB+07, HKLM06, HKLM07, KMK+05b, KG05, KKK+05, KHW+07, KHW+09, KCD+06b, LeB05z, LeB05-59, LeB06j, LeB06r, LeB06-40, LeB08e, Les07-31, Les07-53, Les08p, Les08q, Les08-33, LBS+08, LCM+08, LDL+09b, MTRJA05, MBJM+09, MSO09, MBJF+08, MG09, MDWH+08, MRL+08, MBF+07, MBF+08, MJF+07, PGW+08, Rob08z, Rob08-51, SS07, SSS+08b, SRS+09, SFB09, SDC09, SHK+07, SiTT+08, SBC+07, TRC+08, TFC+06b, Tum05-33, Tum06l, UWiY+07, UPBM06, WH06, Wel05n, Wel05-32, Wel05-33, Wel05-64, Wel06-37, WC07b, YMTC05, YM09, YEL+08]. **DNA-activated** [MBF+07, MBF+08]. **DNA-dependent** [WC07b]. **Dnm1** [IPM+05]. **Dnm1p** [GGC05]. **DNMT1** [SHK+07]. **Do** [LeB06s, BYR08, CN06, LeB05p, Pow05l, Rob08t, Wil09s, YKBR09]. **Do-it-yourself** [LeB06s]. **Doa4** [ASH06]. **dock** [HWSJ08]. **DOCK180** [SMM08b]. **DOCK2** [KNT+06]. **Dock7** [YMCT08]. **Docked** [LeB05-27]. **docking** [DDLC+06, YOS+05]. **docks** [GMK+05, SPK+09]. **dodge** [Les07-33]. **Does** [LeB05-28, DP07, LNG+05, LeB05-84, Les09k, Rap05, Tum06d, Tum06-44]. **doesn't** [Les08-44]. **Dolichol** [KBC+07a]. **Dolichol-linked** [KBC+07a]. **Domain** [LK05, AFM+05, API+07, BLC05, BMSJ07, DTP07, DPMB+07, GD05, HWN+07, HFF07b, JMG+06, KBI+08, KPR+07a, KPR+07b, KVS+09, LPG+07, LGDN09, LSdWL07, MHM+07, MPS+07, MSSF05, MTB+09, NLS+05, NSM+09, POGL08, RCFB08, RRA+09, RP05, STG05, SFC+08, SAM+07, SDD+07, ShCM+06, SDS+05, TSS+06, VBSM06, VCN+05]. **domain-containing** [KBI+08]. **domain-dependent** [RCFB08]. **domain-like** [MPS+07]. **domain-mediated** [ShCM+06]. **domains** [BJML09, BFF+06, BVGA+05, BYMB06, DZG+07, FSS+09, HBD+05, LeB05-32, LeB05-33, MNH05, RGCWG09, SRX+07, SRBL06, SOW+09, SBJ+07, TMH+05, TDP+06]. **dominant** [LK05, YTY+07]. **dominant-negative** [LK05, YTY+07]. **dominated** [SSK+09]. **Don** [Wil09l]. **Don'T** [Les08f, LeB06t, Hat05a, Les07-65, RW08d, Wel05-62]. **Doom** [Les08f]. **dormancy** [SBC+05]. **dormant** [TMW+05, WGL+06]. **dose** [MFO09]. **Dot1** [NLG+09]. **Double** [Rob08-31, BFCS+07, DCA+06, DG05, GTX+06, KG05, KCD+06b, Les07-56,

MG09, PGW+08, TFC+06b, UWiY+07, YMTC05, YEL+08]. **double-strand** [DCA+06, DG05, KCD+06b, MG09, UWiY+07, YMTC05, YEL+08]. **double-stranded** [GTX+06]. **doublet** [BSM+09]. **Down** [YTB07, CLS+06, Les08-48, Les08-66, Les09b, Les09-32, LFL+05, MYMH09, MDW05, Nyb05b, RMC+05, SXH+06, SMRS+07]. **down-regulate** [CLS+06]. **down-regulates** [LFL+05, MYMH09, MDW05]. **down-regulating** [RMC+05]. **Down-regulation** [YTB07, SXH+06, SMRS+07]. **downside** [Les09m]. **downstream** [GFD+05, LLL+06, SYRL+08, SMG07, WCN07, vBAS+07]. **DP** [MYO+05]. **Dpm1p** [FKB+05]. **DPP** [LeB05-29, WLC08]. **Drainage** [Wil09f]. **Dreifuss** [MDL+09]. **DRhoGEF2** [BRH05]. **drICE** [RKT+07]. **dRip11** [LSR07]. **drive** [PWW+09, RLH+09, oSCW07, Tum05-35, YN07]. **Driven** [Les08r, CHCB05, FMK+09, GWS09, KBK+05, LSM+05, MSB06, PWL+09, Wel05-37, TM05, VLFA+07]. **Driver** [CKKG05]. **drives** [CMF08, Cho09a, LeB07f, MHC+09, Sho09-45, Tum05b, Wel05o, Wil07r, YKP+08, ZMGC05]. **driving** [DP06, LSC+05, MFC06, Pow05x]. **droplet** [EYB09]. **droplets** [BDW+09, FSG+08, Les08-53, Sho09-31]. **Drosophila** [AEJ+06, CSW08, DTY+05b, GEE07, HBK+06, HKN09, Mat06, NVEF07, VCD+06, BRH05, BLP+05, BMK+07, BBL+08, CBIO05, DL08, DNK+05, EFG+05, FOW+09, FML+06, GGB+08, Gra07, HP05, HT08, HCN06, HCB+08, JLC08, JSC08, JKW+09, JHY+08, KKH+06, KHBV05, KKM09b, KSR+08, LCO07, LC07, LSR07, LTK09, LMB+06, LR07, MSO09, MFO09, MAZ+08, MTB+09, MOCC05, MPG+09, MDH+06, MKSJ06, NSS+08, OLS08, PMW05, PCMSB09, PFD06, PWW+09, RCM+09, RGW+07, SRX+07, SS07, SRL05, SMSPK08, SHS+09, SNC+06, SB06, SG09, SORM05, SWG+05, SRQL09, TRS+08, VLK+08, VSG09, WJM05, WJM07, WLC08, WLE09, WFJ06]. **DRP1** [WZM07, HLL+08, KNY07, WZW+09]. **dry** [Wel05e]. **dsg2** [PRB+09]. **DSL** [LNG+05, NMO+07]. **dTACC** [TLDB08]. **DTNBP1** [CFH+08]. **Dual** [MMS07, PWW+09, SYM+08a, CLA+05, LeB07k, LLW+09, MMNH09]. **dual-specificity** [LLW+09]. **DUBway** [MW06]. **ducts** [SBC+05]. **due** [LWG+05]. **Dumbfounded** [MOCC05]. **dunk** [Sed08m]. **duplication** [HRB+06, LSC+06b, WCR+08]. **During** [CBG+09, BJKF05, BFG+06b, BBvD05, BTP+07, BAR+08, BEN+05, CPAH08, CTGVGFF08, CCC+06, CGGT09, CEY+05, DHT+09, Den05, DSK+06, EW08, ESZK06, FOB+09, FvD08, FSnP+06, GKCM+08, GAS06, GT08, GER+07, HJ06, HP05, HTYNK09, HEW07, HO08, HHY+08, HKLM06, HKLM07, HLS+09, HCB+08, HCFM08, IUT+07, JKDH08, JCMG08, JGY09, JSC08, KMS07, KR06, KES+09, KSL+05, KNT+06, LN07, LC07, LSNY08, LSC+07, LHL+08, LFS+05, MCSY07, MHL+06, ML05, MAG05, MuMI+06, MM08, MSSF05, MAZ+08, MSW+07, MSW+17, MAG+08, MHC+09, NYM+08, NSM05, NNK+08, NRD+06, NAG+08, NZQ+07, OLH+08, OHH+06, OD07, PB05, PG06, PYR08, PSS+05, PWW+09, PEW+05, PKB+06, PVJJ07, Rex09, SFP+05, SMSPK08,

SMM+08a, SHS+09, SDB+05, SS06b, SOW+09, SXH+06, SPK+09, ST09, SBMP05, SL05, SLR+06, SWG+05, SCK+07, TPNS07a, TPNS07b]. **during** [TTK+06, TP09, TST08, TWG+09, TNS07, VSG09, VMY+09, WC07a, WAKS08, WZM07, WLLF+08, WBT+08, WPL+06, WFJ06, WXM+05, YGY+05, YLM06a, YDL+06, YEL+08, YHD+09, YKP+08, YK07, vDVM+09]. **duties** [Les08n]. **duty** [Les07-56]. **Dvl** [qGyWX+08]. **Dying** [Bas07a, Les06h]. **Dynactin** [Wil07r, KLR+07, LSC+06a, LGV08, UHM+08]. **dynactin-mediated** [LGV08]. **Dynamic** [BJLM+05, BVGA+05, CHA05, CBMCSS08, DvCvH+08, HH06b, KG05, PYR08, SFEK07, TT09, VBNR06, Wel06h, CSTT+06, DMDO08, DGSN06, DCMB+07, FvD08, GMG+07, HH06a, HT08, MCA+06, OF08, TM05, Wel06-35]. **dynamically** [AWM+08, BKLT+08, KSA+05]. **Dynamics** [HWPH+08, LZM+06, VSG09, Wil09g, Ban09, BVS+09, CZM+07, CCH09, CSL+05, CCP+08, EMD+08, GTHK05, GHA+05, GJL+08, GFD+05, HTYNK09, HDM+07, JWC+08, JSC08, KBW+06, LOWTL+08, LSNY08, LDPLS05, MuMI+06, MKC+05, MKGL+05, NWB+06, PFGSV06, RMP06, SHC07, SRN+07, SBW+07, SDD+07, SSK+09, TPNS07a, TPNS07b, TÖL+06b, UWiY+07, VMZW+07a, VMZW+07b, Wil07q, WF06]. **dynamin** [GKvdB07, KBC+08, NLS+05, SDDV05, TT09, WZW+09]. **dynamin-independent** [KBC+08]. **dynamin-like** [GKvdB07]. **dynamin-related** [WZW+09]. **dynamitin** [LGV08]. **Dynein** [FDB+09, LWHC08, Sed08f, Tum05r, AGL+08, BSM+08, BSM+09, CFU+09, CFL+05, CLG+07, DS07, GWS09, GSV07, HLM+08, HFM+05, HRK+09, HQF+07, JRZ+07, KHB+05, LKC05, OHK07, PKK09, PFG+05, SON06, SCMV07, UHM+08, VDSV06, VMSV08, WBT+08, Wil07r, deC09, LeB07l, ZRH+09]. **dynein-driven** [GWS09]. **Dynein-mediated** [LWHC08]. **dysfunction** [EVF+08, hKDH+08, MHM+05, SFB09]. **dysfunctional** [HS09b]. **dysplasia** [GS07]. **dystroglycan** [MBL+07, RKN+07]. **dystrophic** [GSB+06a, PMC08, RKN+07]. **Dystrophin** [Les09n, PHM+09, RMR+09]. **dystrophy** [MBL+07, MDL+09, PRB+09, SBJ+07, SVS+07a, SVS+07b].

E-cadherin [LNPC06, KSR+08, LCS+09, LBC+07, NN07a, QCGM05, SYM+08b]. **E-cadherin-mediated** [SMSPK08]. **E-catenin** [LGV08]. **E2** [SLK+08]. **E2-25K** [SLK+08]. **E2-25K/** [SLK+08]. **E2F** [DVF+06, MYO+05]. **E2F/DP** [MYO+05]. **E3** [GBNS07, KNY07, LJY+07, MOS+09, ORM+08, STvdB+09, TTE+07, WHC+07]. **E4orf6** [HAT+05b]. **each** [LeB06-80]. **Early** [BJM+06, GMG+07, HZOL05, LeB07m, LeB08f, RCT09, Tum06m, Wil07s, BBL+08, CZP+05, CCS+08, HXZ+07, Heu05, HAAHD05, HLJ+07, JLG+06, KKC+07, KHW+07, KHW+09, KFC+05, KZS07, KPS+07, LeB05-30, LeB05-74, MFO09, MM08, NAG+08, PSL+06, QU08, SNC+06, SYA+08, SBJ+07, SRD+07, UPBM06, Wil07f, dPMF+09]. **easy** [Les07z, Wel05m]. **Eat** [Wil07t, LeB08j, Les09c, RLDC09]. **EAT-3** [RLDC09]. **EAT-3/Opa1-dependent** [RLDC09]. **Eating**

[Tum05s, Bas07b, Les08k, SS08b, Wil07-58]. **eats** [Wel05j]. **EB1** [BKLT+08, MKGL+05, SRE+05, Vau05, WTH05, ZSMW09, ZAM07a, ZAM07b]. **EB1-mediated** [SRE+05]. **EB1/tubulin** [BKLT+08]. **EB1/tubulin-binding** [BKLT+08]. **EBP** [BTD+07, LLL+06]. **EBs** [Wit08]. **ecdysone** [SSAD08]. **ECM** [Les06i, Pow06d, Tum05t]. **ECT2** [YPG05, OYKY+05]. **ectodomain** [AXM+05, XMA+09]. **Edc3p** [DTP07]. **Edg** [SWH+06]. **Edg-3** [SWH+06]. **edge** [BWW+08, GC05, KBR+08, LMM+09, LeB07-51, LeB08-36]. **editing** [VBL+05]. **education** [Wil08h, Wil08h]. **Eed** [AMERT+07]. **EF1** [BLT09b]. **effect** [BLB+05, DLL+08]. **Effector** [HCB+08, ASP06, AWR+07, CAR+08, GHSG07, GPJ+06, GAG+06, LLL+06, PSL+06, PST+06, SHL+09]. **effectors** [SHC+05]. **Effects** [MXR+05, HBPL09, JGAS08, Kat07d, OF08, OMLP+08, PPS+06, SYM+08b, XSVGR05]. **efficacy** [PFD06]. **efficiency** [DLT+07, YM06]. **Efficient** [BPL+08, JSPT05, GNL+06, HH06b, NdCF+05, TFC+06b, WF06]. **efflux** [FKN+07, RBC05]. **effort** [Wel06r]. **Efr3** [BSA+08]. **Eg5** [UHM+08]. **EGF** [HK06, HIK+08, HPH+05, Les05a, SLWA07, WBC+06, vRSvR+07]. **EGF-induced** [HPH+05, vRSvR+07]. **EGF-stimulated** [SLWA07]. **EGFR** [BPL+05, CCL+07, GSiK+09, LPG+07, Rob08-46, Sho09d, SWH+06]. **EGFR1** [CCL+08]. **Egg** [Rob08j, BBM+07, LM05, MFH05, OW06, Pow05l, UHM+08]. **EGO** [LeB05-64]. **EGP** [Wil07-40]. **eIF** [LeB08g]. **eIF2** [CHA05, LeB05-31]. **eIF2B** [CHA05]. **eIF2B-containing** [CHA05]. **eIF4E** [CTS+05, CTS+06c, CTO+08, FBD+05b, LeB05-87, LeB06u, LDGO+09]. **eIF4E-binding** [FBD+05b, LDGO+09]. **eIF4G** [KII+08]. **eIF4GI** [RVBZ+08]. **eIF5A** [PCMSB09]. **eisosomes** [FMA+09]. **Elaine** [Sho09u]. **elasticity** [LeB06-58]. **elastogenic** [HOH+07]. **Electric** [Wel06i]. **electrical** [BM07, MAG05]. **Electron** [PGL+09, HKV+05, MFM+06]. **Electron-tomographic** [PGL+09]. **electrostatic** [FOB+09]. **elegans** [ASSST06, AHM+05, BAR+08, CLG+07, DPD+09, ECR+09, ESG+06c, GCS+07, GSW+08, HK06, HKLM06, HKLM07, IEGV06, JNHB08, KR06, KHW+07, KHW+09, KO07, LLH+07, LDGO+09, LBG+06, MYMZ08, MNF+07, MQL+06, MS07, NAG+08, OOS07, OOS09, OBY+06, OV09, POCS+06, RLDC09, SHL+09, TA07, WZC+08, YWEK08, ZRH+09]. **element** [CTS+05]. **elementary** [LWBL06]. **Elevated** [WM05]. **elicit** [TVP+06]. **elicited** [CMF08]. **elicits** [TRC+08]. **elimination** [KR06, SRL05]. **elixir** [Wel06z]. **Elizabeth** [Sed07b, Wil08j]. **elongate** [ÇB09]. **elongation** [BGJ+07, BLS+05, CGGT09, MHFH06, Wel06-48]. **elucidation** [SH05]. **embryo** [BRH05, BBL+08, FML+06, GEN+06, Les06k, MFO09, YBT+09]. **embryogenesis** [SPA+05, SXH+06]. **embryology** [Wil07-57]. **Embryonic** [Les07s, SRXvdK06, WMSB+06, AHM+05, IMY+09, KAD+08, LW07b, Les06a, NTB+06, NPB+05, OBY+06, TPZG06, VMY+09, WZW+09, WRKC+09, Wil09s, ZNP+09]. **Embryos**

[Rob08k, Rob08l, FTB+09, HKLM06, HKLM07, KHW+07, KHW+09, LDGO+09, MSO09, PMW05, SWG+05, TA07, Wil07-58]. **Emerin** [LeB07n, LHS+05, SSHP+07]. **emerin-deficient** [LHS+05]. **Emery** [MDL+09]. **Emi1** [DP07, Les07t, MVC+07]. **Emi1-dependent** [MVC+07]. **Emi2** [MHL+06]. **employs** [TVP+06]. **EMT** [NBM+08]. **Ena** [FSK+07, TSP08]. **Ena/** [FSK+07]. **Ena/VASP** [LLHH07, TSP08]. **enabled** [TGH+07]. **enables** [BJKF05, LLM+05]. **encoded** [PPS+06, YOSM06]. **encodes** [WBG+08]. **encoding** [Wel05-66]. **encounter** [Les06c]. **encounters** [HZOL05]. **end** [BVS+09, ÇB09, DG05, FBD+08, GHM+08, GNV05, KDG+09, KCMB08, LeB06-42, MKGL+05, MSB06, SRE+05, SMG07, WC07b, WTH05]. **end-directed** [GNV05]. **end-to-end** [ÇB09]. **Endo180** [CEY+05, SWI06]. **endocardial** [NBM+08]. **endochondral** [PXD+07]. **endocycle** [SSAD08]. **endocycle/gene** [SSAD08]. **endocytic** [AMS+05, BLC+09, DNK+05, GOM+09, IGFG+08, JWG+07, Kak08, KRP+09, KFC+05, KBC+08, LPB+07, Pow05w, SHC+05, SORM05, SSSB07, SCK+07]. **Endocytosis** [LeB07o, Nic09a, ALvdG06, BMBD+09, DPK+05, EBMG09, HT08, HCN06, ITG+08, JHY+08, KHH08, KBC+07b, LeB06g, MS08, NMO+07, OD07, OWM05, SDDV05, Sed09h, TSS+06, Wel06-66, Wil07-47]. **endoderm** [YBT+09]. **endogenous** [BYF+05, DTR+05, PTL+05, PVM+05, YLM+06b]. **endomembrane** [TM06]. **Endoplasmic** [LHRP05, NSM05, PVJJ07, ASB+05b, AH08, ADO07a, ADO07b, AWM+08, CHO+09b, JASC08, KPM05, LC07, LMC+09, LFS+05, NTHN+08, PMW05, RCFB08, SPT+09, SPT+21, SBV+06, WWS+06, ZKN+06]. **Endosomal** [VLK+08, CSSE06, DHT+09, JRZ+07, MYMH09, PCR+07, PAV+06, RCT09, TTK+06, TDG+06, XGX+09, YWK+08]. **endosomally** [RRP+08]. **Endosome** [Tum06n, ASH06, BFF+06, CZP+05, CHCB05, FN06, MKH+07, PSL+06, Rob08-43, RKvdK+09, SCM+07, SXH+06]. **endosome-like** [BFF+06]. **Endosomes** [Les06j, SWI06, GEP08, GMG+07, HLM+08, HSB+07, LeB06-54, LeB07-42, LTAM+09, MZ08, NWO06b, NFCF08, RCT09, RvVM+08, Wel07h]. **Endothelial** [BZYM+08, Bon05c, BHK+06, BSK07, BBM+08, BDR+06, CNM+05, DDLC+06, FHFB+06, FSK+07, FWC+07, GHSG07, KWS+08, LOG+06, Les05h, LZ08, LPF+06, LRCH+05, LLC+08, MHM+05, MMM+05, PdBR+07, SBF+06, SSS+08a, SPA+05, SDN+05b, WLLF+08, WXM+05, ZXM+06, vBAS+07]. **Endothelin** [PCR+07]. **Endothelin-converting** [PCR+07]. **endothelium** [BYK08]. **ends** [BKLT+08, BGP+06, DvCvH+08, LeB06-35, LeB06-44, LeB08y, PTF+06, Tum05-38, Tum05-66, Vau05, Wit08]. **energetic** [MSK+07]. **energy** [Pow05x, Wel06-58]. **engage** [PVM+05]. **engagement** [DSLY+05, LNPC06, MRKH05, vBAS+07]. **engaging** [UDC+07]. **engulfment** [TD08]. **enhance** [BSL+08, CFBM05, MPD09, SSLS05, VVL+08]. **enhanced** [BMK+06, GSB+06a, LYK+06, MFS+09, PS08]. **Enhancement** [WNL+09]. **enhanceosome** [STL+07]. **enhancers** [KHBV05]. **enhances**

[BRKR06, BFP+07, DXC+08, HFvdV+05, JGL+06, LPWP+07, LDGK08, LCL+05, MRKH05, SDL+05, SSP+07, WGKA+08]. **enhancing** [Ros05]. **enigma** [Lin08]. **enlargement** [MOCC05]. **enough** [LeB05-73, Les07w]. **enriched** [AWM+08, DMC+07, LZ08, NKK+06]. **enrichment** [DPD+09]. **ensure** [CYO+09, TLDB08]. **ensures** [Les07t, SYM+08a, SiTT+08, TMH+07]. **enter** [LeB07-49, LRBM09, MHL+06, Sho09-37]. **enterica** [SHB+07]. **enterocyte** [DGZ+05, MHS+09]. **enterocyte-like** [DGZ+05]. **ential** [Sho09e]. **Entropic** [CM09]. **Entropy** [LeB06v, Wel06-50]. **Entry** [NPMZ06, CTS+06b, DTL+07, GLS+09, LeB05h, LSM+05, LRBM09, LWBL06, MFO09, Put05, SBJ+07, TMZ+09, VLK+08, WZO+05, Wel06-45]. **envelope** [AH08, AVHH09a, AVHH09b, CYO+09, EVF+08, GNPC+08, HMG+08, Heu05, JMG+06, LeB06r, LeB07i, LeB08-34, Les09-29, LFH07, LS06, MK07, RW08b, TTYH09, Tum05-68, UPBM06, ZRH+09]. **environment** [BGdN+08]. **envoplakin** [SNG+07]. **enzymatic** [ASK+09, SHC+05]. **Enzyme** [LeB08h, Rob07d, ASH06, AZP+05, NFI+09, PCR+07, WLY06]. **enzyme-1** [PCR+07]. **enzymes** [Les08-48, MW06, WRP+06, ZRBS07]. **EPB41L5** [HHY+08]. **EphA4** [BMRP07, IDTT+09, LCL+05]. **EphB2** [PCPW08]. **ephrin** [QWD+08]. **EPI64** [HGR+06]. **epiblast** [GEN+06, GNE+07]. **epiboly** [LCS+09]. **Epidermal** [VMY+09, BFG+06b, DSBK09, EFM+07, FHS+07a, GSiK+09, LCR+05, LCT+09, LGT+07, NTB+06, RRP+08, SNG+07, SCFKB07, dGSWW+06, ZTKK05]. **epidermal-specific** [dGSWW+06]. **epidermis** [LF07, Sho09-38, WBC+06, WPWF08]. **Epigenetic** [JDK+05]. **Epigenetics** [Hor09]. **epilepsy** [Les08-31]. **epileptogenesis** [WKW+08]. **epithelia** [AS06, WL09b]. **Epithelial** [SHH+08, AMS+05, AFV+05, BAR+05, BLP+05, CTP+09, FHMC09, FSP+07, HP05, HHY+08, HSTM06, IFF+05, IUT+07, IPG+05, JKDH08, KKW+09, LD07, LDKT06, LJM+07, LWHC08, MBR+06, MCSY07, MSK+07, MMS07, MRKH05, NN07a, NPV+07, NFCF08, OIAT06, PH07, QCGM05, RYN05, RKH+09, STM+07, SLM+06, SSM05, SIS+08, TPNS07a, TPNS07b, TVP+06, VS07, WWX+06, WL09a, WWS05b, WWC+07, XSVGR05, YN07, dRKD+05]. **epithelial-restricted** [MBR+06]. **epithelium** [BDP+07, JLG+06, NLC+05, SMR09, WC07a]. **epitope** [WF07]. **epoxyeicosatrienoic** [FLA+08]. **Eps15** [KKW+07, RRP+08]. **epsin** [LZ09]. **epsin1** [DBW+06]. **Epstein** [FFS06]. **Epstein-Barr** [FFS06]. **equal** [CGJ09, HGJ06, LeB05-45, Tum06d]. **equality** [Les09p]. **equalization** [MPLF+09]. **equation** [vRG08]. **equilibrium** [DGSN06, MCA+06]. **ER-associated** [OOY+06, SS08a, SS08b, SN05, Tum05-63, WHR+09]. **ER-stress** [KIKI+07]. **era** [EGL+09]. **ERAD** [KGL07, LDL+09a, Tum06-50, WHC+07]. **Eran** [Sed08g]. **erasin** [LDL+09a]. **ErbB** [BHJ+05, HCRT08]. **ErbB-2** [BHJ+05]. **ErbB-2/ErbB-3** [BHJ+05]. **ErbB-3** [BHJ+05]. **ErbB2** [YMCT08]. **ERGIC** [NRW+08]. **ERGIC-53** [NRW+08]. **Ergosterol** [JMG08, BVGA+05]. **ergosterol-** [BVGA+05].

ERK [BWW+08, HSB+07, JGL+06, MWMS07, YTY+07]. **ERK1** [GNPC+08, MDET08, THN+06, DSBK09]. **ERK1/2** [GNPC+08, MDET08, DSBK09]. **ERK1c** [SS06b]. **ERK5** [CWC+07, SYKM08, Wil07-28]. **ERK5-NF** [CWC+07]. **ERKs** [Wel05-66]. **ERM** [HLK+09, HF06]. **ERO1** [LMC+09]. **ERO1-** [LMC+09]. **Ero1L** [TRS+08]. **Error** [CFV07, Wel05x]. **errors** [MGW+08]. **ERs** [Bas07b]. **erythrocyte** [MBR+05, OHH+06]. **erythropoiesis** [EVH+07, EVH+08]. **erythropoietin** [EVH+07, EVH+08]. **escape** [LeB05-64, Les08-27, Wel06-52]. **Escaping** [LeB06w]. **Escherichia** [BM07]. **ESCRT** [CSSE06, HRLH08, HR09, LeB06-59, LeB08i, NWO06b, SOW+09]. **ESCRTs** [ADD+06]. **EspF** [AWR+07]. **Essential** [BTP+07, BLP+05, BCC+09, GKCM+08, KNT+07, LLJ+05, LSC+05, MYZ+09, PdBR+07, Wel06j, vKGK07, ASH+09, ANI+07, ASHD+05, BAR+05, BLS+05, BSDA07, BHK+06, CBM+07, CTP+09, CBG+06, CBIO05, DBR09, FVSC08, GSH+08, GSV07, GSW+08, HGJ06, HSY+06, HDS+07, HH06b, KHWC08, KHH08, KVS+09, LRCH+05, MSL+09, MFH05, MEG+07, NYM+08, NNK+08, NHK+08, PXD+07, PPBF08, RDY+05, RAP08, SSJ+07, SWT+05, SLM+06, SXH+06, SOC+07, SHDT05, STL+07, TLM+07, TJC06, TFC+06b, TMAL+06, WOWB08, XNM+09, YA06, YEL+08]. **establishing** [HSK+05]. **establishment** [HP05, PNO+09, SHC09]. **estradiol** [LCM+08]. **Estrogen** [SWH+06, PKJS+08, SKR+07]. **etch** [Heu05]. **Etd1** [GCM09]. **ethylmaleimide** [MMM+05]. **eukaryotes** [HG07]. **Eukaryotic** [HS09a, AWR+07, BW08, MGBH+06, PALW05, XMSYJ07]. **even** [Hat05a]. **event** [SMRS+07]. **events** [ESZK06, ST09]. **everything** [Sho09-40]. **Evidence** [Tum05u, VFRJ+07, MS06, MTH+06, ZHS06]. **evoked** [pTyLZ+09]. **Evolution** [DFA05, YBK+06, ZB09, LeB05-35, Tum05-61]. **evolutionary** [GDW+07, Wil07-68]. **Evolving** [Wel07e]. **exacerbates** [SVS+07a, SVS+07b, Wel06s]. **Examining** [TC08]. **Excess** [EFG+05, Pow05j, WGL+06, LeB05-41, LeB06d, Les07-53]. **exchange** [ÇB09, GSdBS09, HM08, KTA+06, LeB06-30, LLT+08, LLW+09, MBS+08, Wil07u, YMCT08, tKJCH06]. **exchanger** [FKN+07, PB05, SSD+09]. **exchangers** [pTyLZ+09]. **excision** [MBJM+09]. **excitability** [JBL+07]. **excitation** [WBG+08]. **excitement** [Les08-32]. **excitotoxic** [CYY+08, TGRD09]. **excitotoxicity** [KZT+08, KZT+09, SFY+05]. **excluding** [Nic09a]. **Exclusion** [Wel05t]. **exclusively** [BKHR05]. **exhibit** [BLL+06, CAL+07]. **existence** [Sho09-31]. **exists** [FML+06, MCA+06]. **Exit** [Tum06o, ZKN+06, BvOM+07, CN06, DNG+06, FDV+06, HHZ+08, JBFC07, LDS+06, MHC+09, NYM+08, Poo09, Rob08-27, SGDM06, Wel05-44]. **Exo70p** [HXZ+07]. **Exocyst** [LeB05-36, LH05, RWM+05, SYRL+08, SORM05, ZWG+05]. **exocytic** [HXZ+07]. **exocytose** [GT08]. **Exocytosis** [Tum05v, BSMT05, BLP+05, Gle07, HJ06, LOWTL+08, LSNY08, MMM+05, OIFN+07, OVL+07, RBC05, RWM+05, SRA+05, TDG+06, Tum05w, ZWG+05]. **Exomer** [WHOS06]. **exon** [ELD+08]. **exonic** [KHBV05]. **exosome** [Wil07u]. **Exosomes**

[BFF+06, Tum06p, BW08, LeB07-30, LBG+06]. **expand** [Sho09k]. **expanded** [QIH+06]. **expanding** [PYR08, Ska07]. **expands** [GSY+09]. **expansion** [PST+06, SPT+09, SPT+21, YN07]. **experience** [Rob08k]. **experimental** [CFV07]. **exploits** [KGDR+07]. **exploring** [Tak06]. **export** [CTS+05, FKJ+09, FTM+06, HFvdV+05, HOZ+09, KFK+05, LJS+09a, LCM+08, MBR+05, SRBL06, SCVW09, SWT+05, Sho09g, TW07, Tum05-50]. **Exportin** [GGE+09]. **exports** [LeB06u]. **exposed** [Les09-33]. **exposes** [KBC+07b]. **express** [GNE+07]. **expressed** [GCSG+05, HMM+05, NBB+09]. **expressing** [RP05, ZDD+06]. **Expression** [JGAS08, SFY+05, BXN+06, CBG+06, DGP+05, GFC+08, JLG+06, JDK+05, KBW+06, KHBV05, KCD+06a, KZH+07, LBVN09, MLS+07, MDW05, OMLP+08, PCV+08, RMC+05, RGA+06, RLH+09, SKM+08, SKR+07, SYM+08b, TRC+08, WM05]. **extends** [ESG+06c, KHB+05, Les08-28, MGH+09]. **extension** [BJKF05, KHH08, LSC+05, Mat05, PRK+07, PRK+09, RFBB07, YKP+08]. **Extensive** [MBdR+08]. **External** [SWL+05]. **Extra** [Tum05w]. **Extracellular** [WvNS+07, BRM+07, CEY+05, DMC+07, FAG+07, GXJF07, GRC+05, HXO+07, HBD+05, MFBG+08, OSB+05, WLS+09, WRMH07, WOP+06]. **extract** [UHM+08]. **extracted** [CMF08]. **extracts** [BBM+07, LM05, MFH05, OW06, Pow05l]. **extrinsic** [SRXvdK06]. **extrude** [SMR09]. **eye** [Rob07a, Sed09e, Tum06q]. **eyelids** [STK+05]. **ezrin** [IKZ+07, TKH+05].

F [EHWL06, GMG+07, KOM07, RMC+05, SS09, ZMA+07]. **F-actin** [SJL+07, GMG+07, KOM07, SS09]. **F-box** [EHWL06, RMC+05]. **F-spondin** [ZMA+07]. **faces** [RH09]. **facilitate** [HEW07, SS09]. **facilitates** [BLT+09a, GSW+08, KFK+05, WWvD07, YWK+08]. **facilitating** [GSY+09]. **Facilitation** [XLH+07, HSK+05, LLL+06]. **factor** [AOP+05, ANI+07, BSK07, BCR+08, BBG+05, CSM+06, DLBSD+05, DUR+05, ELD+08, FBY+06, FHS+07a, HM08, HZL+07, HIK+08, KTA+06, LeB08-35, LDGK08, LPF+06, LLT+08, MGBH+06, MYMH09, MNF+07, MMM+05, MBS+08, MOM+06, NJS+06, POGL08, PUG+06, PTF+06, RRP+08, SSH+05, SCVW09, TVP+06, VVL+08, Wil06f, Wil07-67, YMCT08, YGR+08, tKJCH06, BAR+05]. **factor-** [TVP+06]. **factories** [XC08]. **factors** [BLC+09, BZA+06, BDR+06, CDW+05, DCMB+07, GGE+09, KBN+06, KKK+05, LeB07s, LSD+06, MMS07, OYTO07, WPWF08, Wil07-30]. **fails** [BvRJ+05]. **failure** [PDM+08, Rob08v, SKvdBW+06]. **failures** [CGK07]. **FAK** [BHJ+05, BHK+06, CCH09, GKN+07, Les08e, LLT+08, PLR+06, Tum06s, WLLF+08]. **falciparum** [BAdSG05]. **fall** [LeB05-50, LeB07-66]. **false** [Ros08a, Ros08b]. **FAM29A** [ZCJ+08]. **familial** [ZS08]. **family** [BLH+09, CTY+06, DBD+09, DDB+05, GGO+09, GRGP07, GGE+09, GAG+06, GFD+05, HHFC06, JKW+09, KCE+06, Las09, MHM+07, PSS+05, RGCWG09, SWD+08, SGKM08, VWM+07, LeB06-52]. **Fanconi** [MLH+06].

FAPP2 [VVMS05]. **Fas** [AAG+09, HBD+05, PMK+05, WWS+06]. **Fas-mediated** [WWS+06]. **Fasciclin2** [KTN07]. **fascin** [ViKA+06]. **FasL** [HBD+05]. **Fast** [GNPC+08, DvCvH+08, MTH+06, Rob08-37]. **faster** [YKBR09]. **fat** [HCN06, Wel05u, Wel05-39, Wil09h, IMY+09]. **Fat1** [HLA+06]. **fatal** [Les08-32]. **Fate** [Wel05v, AWE+05, HAT+05b, KCD+06a, LS09, LeB07g, Les06i, NDS+07, OYTO07, Rob07d, SRXvdK06, SAD+09, VWM+07]. **fatty** [SKM+08]. **Fbh1** [FMD+09]. **Fbw7** [BDS+08, GGH+08]. **Fc** [MYZ+09, NYI+05b]. **Fcj1** [RSS+09]. **FcRn** [TMY+09]. **features** [CRV+06, WPDZ+06]. **feed** [LeB05-102]. **feedback** [ANI+07, FKN+07, KBW+06, LRBM09, MOCC05, PCPW08, XKYW07, YWW+08, YMDL09]. **feel** [Pow09a]. **Feeling** [Les08s]. **Fellow** [Wil07c]. **Female** [LeB07p, DL08, DLT+07, MFC+09]. **females** [KPS+07]. **fences** [LeB06-68]. **feng** [Les08t]. **Fer** [LPN+08]. **fertility** [LeB05i]. **fetal** [FKS+06, NRJ+09]. **Fever** [Wel06k]. **FG** [SRX+07, TW07]. **FGF** [KKH+06, LeB05-37, MAH+05, MRD+08]. **FGF-** [MRD+08]. **FGFR1** [FCB+09, FCB+19, XSVGR05]. **FGFR2** [MAH+05]. **FHA** [ShCM+06]. **FHL1** [CMN+08, Sho08]. **Fhl2** [WHM+07]. **FIAT** [YAV+05]. **Fiber** [Nyb05d, AWE+05, NFZ+09, TMI07, Wel06-36]. **fibers** [GPC+06, HL06, KRZ+08, RKN+07, Tum06-48]. **fibril** [TLM+07]. **fibrillar** [DWMY09]. **Fibrillin** [CCM+07]. **Fibrillin-1** [CCM+07]. **fibrinogen** [SZX08]. **fibroblast** [LMMHP+05, MYMH09]. **Fibroblasts** [Sho09v, LeB05-90, LLM+05, NMV+07, PHB+07, RG06a, SH05, TCHL05, THN+06]. **Fibronectin** [Sho09w, AXM+05, FZT+07, GS07, TLM+07]. **fibrosis** [SBM+07]. **Fibulin** [HK06, HOH+07, Wil07v]. **Fibulin-1C** [HK06]. **Fibulin-5** [HOH+07, Wil07v]. **Fibulin-5/** [HOH+07]. **field** [Les06p]. **Fifty** [Mel05]. **Fig4p** [DTW06]. **Fight** [LeB06x, LeB06-76, LeB08l]. **Fighting** [Les07u]. **filament** [BLL+06, CSTT+06, CBG+09, MTH+06, RXA+08, SOR+05, SSK+09, WKWL06, WAW08]. **filamentous** [LSNY08, Ped08]. **filaments** [BSW+05, CM07, ÇB09, HRLH08, KG05, LBI+08, LC09, LSC+06b, MSV+05, MQL+06, Wel06-41, WOWB08, YHJ+05]. **Filamin** [ZBKJ07, NOH+07]. **files** [Hil08]. **Filling** [Pow06e]. **Filopodia** [Les07v, NYN+06, HHT+07, LeB07-67, LSM+05, LLHH07, NAS08, TMI07, Wil07d]. **filopodial** [PRK+07, PRK+09, ViKA+06]. **filter** [LeB08d]. **filtering** [LWG+05]. **final** [BXHD08]. **finally** [Mal06]. **find** [CF07, Tum05z]. **finding** [Smi07]. **finds** [LeB05-36, LeB08-32]. **fine** [Pow09d, Rob08n, WSG06]. **fine-tunes** [Rob08n]. **fine-tuning** [WSG06]. **finger** [HOZ+09]. **fingers** [LeB07-58]. **FIP200** [GMW+05, GPN+06, HTK+08]. **fire** [Tum06-55]. **first** [HB08, Les07-45, OIFN+07, Pow05k, Rob08-49]. **first-** [OIFN+07]. **Fis1p** [KCAS05]. **fish** [AS09, Wil09s]. **fishing** [Les08l, Wil09m]. **Fission** [Tum05x, BbCQ+09, BHG+05, BBPM07, CGGT09, DSK+06, GGC05, HYB08, KOM07, KCAS05, NNK+08, NN07b, SON06, SBMP05, TJC06, Wel05-37, WSK+06]. **fit** [IPM+05]. **Fixed** [Wil08p]. **Fixing** [Wel06l]. **flagella** [BSM+08, BSM+09, Den05, GWS09, HRK+09, HQF+07, HDM+07, HDR09, LeB07v, LeB08-31, LJS+09a, SR07, TWL07, YOY08]. **flagellar**

[DS07, ELM09, LW07a, OHK07, PKK09, iWK06, WNF+05b]. **flagellum** [DBD+09]. **Flatland*** [AKD06]. **Flavivirus** [Wil08k, FSH08, Har08]. **Fld1p** [FSG+08]. **fleeting** [Wil07-43]. **flex** [Nyb05d]. **flexibility** [LeB07a, Wil07-43]. **Flexible** [Wel06m, KKH+06, KHWC08]. **flick** [RW08a]. **flies** [CTGVGFF08]. **Flightless** [LYY08]. **Flightless-I** [LYY08]. **FLIM** [LJS+09b]. **flip** [BXHD08, Rob08-36]. **flips** [LeB07v]. **Flk** [KZC+08]. **Flk-1** [KZC+08]. **floated** [Pow06i]. **flooding** [LeB07-53]. **Flow** [LYK+06, Wel06n, CMF08, GSJ+08, HLP06, LSIT+08, Nyb05n, OSB+05, STU+08, Tum05t, Wil07-66, Wil07-67, Wil08a]. **flow-elicited** [CMF08]. **Flow-enhanced** [LYK+06]. **flow-induced** [LSIT+08, Tum05t]. **flowing** [Wel05c]. **Flt** [KZC+08]. **Flt-1** [KZC+08]. **Fluid** [Pow07f, AFV+05]. **fluidlike** [SAM+07]. **fluorescence** [GBNK08a, GBNK08b, HKV+05, Wat09]. **fluorescent** [DDH09]. **Flux** [LeB06y, CYC+06, HR09, MPLF+09, SGK+07, YCM+08, ZRBS07]. **flux-dependent** [MPLF+09]. **fluxes** [LRS05]. **fly** [Wil09m]. **FM1** [RBC05]. **FM1-43** [RBC05]. **fMLP** [KNT+07, SMG07]. **FN14** [VCC+08]. **Focal** [GPC+06, Les09o, SRN+07, WKWL06, CCH09, EBMG09, GSJ+08, GJL+08, HWS+07, LSdWL07, LLT+08, OPT+07, SPA+05, SCS+05, TSN+06, WKIKG09, YHJ+05]. **foci** [PL06]. **focus** [LeB07z]. **focusing** [GNV05]. **fold** [Rob08-49, SSS+08b]. **Folding** [LeB05-38, SLP+06, GOM+09, KGL07, LeB06h, Sav09a, SNA+07, SPK+09, Ska07, Wel07e]. **follicle** [AOP+05, LGT+07, OLS08, SCFKB07]. **Follistatin** [PBD+06]. **follow** [FHMC09, Kat06c, Les09f, Wel05-62]. **Following** [Wil09h]. **force** [Bas07e, KO07, MFC06, MPLF+09, PJMR06, SD07, YHJ+05]. **force-generating** [SD07]. **forces** [Rob08-44, TWG+09]. **forget** [Les07-34]. **Fork** [CLL07, FPP+08, LM05, SiTT+08, Tum05p, Tum05-67, Thu07]. **forkhead** [SNG+05]. **forks** [CCS+08, YM09]. **form** [BLH+09, Bon05c, BBPM07, qGyWX+08, KBGG+08, LZ08, LCL+07, TAM+06, Wil07d]. **Formation** [EMPK+07, KCOS06, Les08-63, Pol08, RSS+09, ARKS+08, AH08, AVHH09a, AVHH09b, AWM+08, BRKR06, BMG+07, BHK+06, COC+05, CSM+06, CYO+09, DLHW09, DNG+06, DDLC+06, FBD+05b, FvD08, FBD+08, GFH+06, GSL+07, HTK+08, HBD+05, HWS+07, IUT+07, IKZ+07, IDTT+09, JSPT05, KRZ+08, KG05, KKY+05, KIKI+07, KOKM07, KES+09, LCO07, LYH+05, LLT+08, LLHH07, LRJY06, LFL+05, MES+08, MKB+09, MCRVC+08, MSSF05, MAZ+08, MAK+06, MMNH09, NTS+05, NBM+08, NSS+08, NBS+08, NSO+09, NYN+06, NIC+09b, OIT08, PDM+08, PXD+07, Pow05i, QIH+06, SYM+08a, SMSPK08, SYKM08, STBL09, SSM05, SAM+07, SMM08b, STP08, SMG07, TRS+08, TMI07, TSALS05, TA07, Tum05-59, Tum06i, WTE+08, WLS+09, Wel06c, Wel06-49, WKWL06, WKIKG09, WF07, YLK+05, YBT+09, iYEF+07, ZHI+08, ZEC+08]. **formed** [SCS+05, VBG+06]. **Formin** [LeB05-39, Tum06r, BMS+08, LeB08l, SWD+08, SOR+05]. **forming** [DMDO08, LDL+09a, LRCH+05, SWL+05]. **formins** [SOR06]. **forms** [BSW+05, BBF+07, BLB+05, IPM+05]. **forth** [Les07-27]. **Forward** [Rob07e].

Fos [GNPC+08]. **Four** [Rob08m, VKGV08, GHA+05, Rou08, PWW+09]. **FOXC2** [NIC+09b]. **FoxK** [CTGVGFF08]. **FOXO** [HMS+08, LPWP+07]. **FOXO-regulated** [HMS+08]. **FOXO1a** [BIH+05, BIH+07]. **fracture** [Wel05-31]. **Fragile** [Tum05y, PPBF08]. **fragility** [Wil06f]. **fragment** [TdVM+07, XMA+09]. **fragmentation** [CBML06, LU05, SS06b]. **fragments** [CYY+08, Les08-32, RW05]. **Francisco** [LK06, dSW09]. **Frand** [Sed08a]. **Fraser** [Wil07-57]. **Frauke** [Sed09b]. **fray** [LeB07-49]. **free** [FBD+08, HSLI09, LeB05r, Les07g, OW06, SMG07, Wil06h]. **Freedom** [LeB05-40, Wel05w, Les09i]. **freely** [CBMCSS08]. **Freeman** [Wil09m]. **frees** [LeB07-42]. **freeze** [Wel05-31]. **frequency** [SWM+07]. **frequent** [MTH+06]. **frequently** [BLR+06]. **FRET** [CHSV07, LJS+09b]. **Friedl** [Sed09j]. **Frizzled** [KHH08, WZCB+06]. **FRL** [SOR06]. **Frog** [Pow05l]. **front** [GCSG+05, JLL+07, Ste08, Tum06g, VWK+06]. **Frontiers** [lWHMH06b]. **Fstl1** [RGA+06]. **Fuchs** [Sho09u]. **fuel** [FA08]. **fuels** [SS06a]. **Full** [Wel06o, AHD+09]. **full-length** [AHD+09]. **fully** [PPCZ06]. **fumigatus** [PUG+06]. **Function** [HDM+07, PSS+05, ASH06, ASSST06, BLL+06, BLP+05, BBFN07, BLA+09, CMF+09, CCP+08, CFBM05, DP06, DTP07, DTR+05, DLH+09, EFM+07, FSN+06, FMA+09, FSK+07, GHX+07, HWN+07, HMM+05, KO06, LeB06-50, LKC05, LSC+07, LSC+06a, LCR+05, LVG+09, MMCW06, MXR+05, MBS+08, MMNH09, NAF09, NS06, Nyb05j, NKK+06, OYKY+05, OD07, PR05, PLH+08, PG06, PT09, RGW+07, RBJL06, RDY+05, SSS+08a, SB09, Sed07e, STG05, SOW+09, SXH+06, Smi07, SGKP+07a, SGKP+07b, TS06, VDSV06, VTT+09b, WCR+05, WPL+06, WP08, Wil09m, WOWB08, XNM+09, YBK+06, YPG05, YCX+08, ZS08, ZMW+08, dCD+07]. **Functional** [ESG+06c, FSR+07, HQF+07, LPM+07, MHM+07, OSI+07, VBG+06, iYEF+07, BSDA07, CCC+05, CRV+06, FKJ+09, FSG+08, GSHD08, HGJ06, JS07, JYZL06, Joh09, LSD+06, MYO+05, NS07, PCN+05, Ped08, ZOH+08, LeB06-52]. **functionally** [AVHH09a, AVHH09b, FML+06, GFA+09, KBS+06, RWB+05, SYA+08]. **functions** [AZP+05, BSW+05, BJZ+09, BDW+09, CLG+07, DBDD06, DBD+09, GSC+07, HHY+08, JTN+05, JhKC08, KSL+05, KKM09b, LK05, MLC+06, MYMZ08, MS08, MWSK06, MDWH+08, MBS+08, MBF+07, MBF+08, NOH+07, OOS07, OOS09, PLLH05, PV06, RGL+09, RMZ+06, RKT+07, SRX+07, STM+07, SSSB07, THS+09, VVL+08, VBSM06, VTRB06, WKH+06, WZC+08, WTE+08, WL09b, YWEK08]. **funded** [Ros05]. **fungal** [KBC+07a]. **Funky** [Tum06s]. **furrow** [ACsHS08, CAR+08, FvD08, GT08, Les08a, NSO+09, OF08, Tum05-59]. **furrows** [LeB08w]. **fury** [Wel06o]. **Fus2p** [PYR08, Sho09l, YR09]. **fuse** [Pow05j]. **fused** [HS09b]. **Fusing** [Les07y]. **Fusion** [Les07z, BbCQ+09, BVGA+05, DDRL+09, DC07, DHML05, ERM+09a, EW08, EHWL06, FSH08, GHY+05, GMK+05, Har08, HEW07, HHS+09, JKKM08, JMG08, LeB05w, Les07-39, LK05, LMZ+05, MNF+07, MSW+07, MSW+17, PPA+08, PYR08, PBD+06, RM05a, RLDC09, SDL+05, Sho09o,

Sho09-33, SCF+07, Tum06-33, YOS+05, ZMGC05]. **fusions** [LeB05-101]. **Fyn** [CMF08, WGKA+08]. **FZO** [RLDC09]. **FZO-1** [RLDC09]. **FZO-1/Mfn1** [RLDC09]. **Fzo1** [EHWL06].

G [KTI+05, LeB05-41, Tum05z, BFB+08, CK07, CLG+07, DTL+07, DZG+07, EFG+05, FNH+05, GRC+05, GGMBF08, Gle07, GCS+07, Les08r, LSC+05, LCS+09, LPB+08, NHK+08, SJL+07, SGKM08, SFS+07, TSP+07, RSS+09]. **G-actin** [NHK+08]. **G-dependent** [DZG+07, LPB+08]. **G1** [RMC+05, ZNP+09]. **G2** [CWC+07, DBK+07, DSBK09, MAG+08]. **G2/M** [DSBK09]. **Gab2** [ML05]. **GABA** [Les09f, Rob08n, pTyLZ+09]. **GABA-induced** [pTyLZ+09]. **GABAergic** [DCAC05]. **GADD45** [SLZ+06]. **Gag** [BFF+06]. **Gaga** [Sav09b]. **gain** [Rob07n]. **GAKIN** [HHFC06]. **galectin** [GJL+08, SWT+05, DGZ+05]. **galectin-1** [SWT+05]. **galectin-3** [GJL+08]. **Galectin-4** [DGZ+05]. **game** [Sed09i]. **gang** [Les08-38]. **ganglion** [HLJ+07, JLB+05]. **Ganglioside** [NRL+05]. **Ganglioside-induced** [NRL+05]. **gap** [LeB07-57, Pow06e, Wel05k, vZPG+07, BPL+08, CN06, LH05, NLS+05, OKN06, RFBB07]. **GAP-43** [LH05]. **garbologist** [Wil08t]. **Gardner** [Wil08t]. **gas** [Les07-74, Tum05-27]. **gastrulation** [LSC+05, LHM+09, YKP+08]. **Gata** [dGSWW+06]. **Gata-3** [dGSWW+06]. **gate** [Hat05a, LK06]. **gated** [BH08a, LPB+08, LYV+08]. **gatekeeper** [SMRS+07]. **gateways** [NKK+06]. **gating** [ASB+05b]. **Gawky** [SNC+06]. **GC** [LeB06b]. **GEECs** [Nic09a]. **GEF** [OIAT06]. **GEF1** [HSB+07]. **gel** [Les05g]. **Gellular** [Wel06p]. **Gene** [LC08a, CFH+08, DBvdW+06, DOS+07, GLS+09, GDF+05, GQSHO05, GFC+08, JDK+05, KBW+06, KCD+06a, Les08-45, Les09q, MLS+07, McN09, MM08, MGK+09, OMLP+08, PTL+05, SKM+08, SLP+06, SSAD08, WKIKG09]. **gene-expression** [KCD+06a]. **generate** [BYK08, NZQ+07, SNA+07, SWI06]. **generated** [DCAC05, HL06, TWG+09, LJR+05]. **generates** [CHO+09b, DHML05, TDP+06, ZMA+07]. **generating** [KOKM07, MHS+09, SD07, YOY08, YCK+05]. **Generation** [HR05, GMZ+08, HZL+07, Miz05, PCG+05, Pow09c, WJM07]. **Generous** [LeB05-42]. **Genes** [LeB06z, Sho09x, AMERT+07, BLR+06, BGdN+08, CMD+08, CF07, FMA+09, GFC+08, HKP+09, LW07b, MTRD+06, Rob08y, SPS+08, Tum06-31, Wel06-53, XC08]. **Genetic** [CML+06, FWC+07, HJK+06, Les08t, MAZ+08, GSHD08, KS08, OHP+09, YCX+08, ZHS06]. **genetically** [IH05]. **genetics** [HDS+07]. **Genome** [BFWH07, EMB+08, Kat06f, SKM+08, BJLK+06, DLH+09, EHHK09, FMA+09, FMD+09, TMH+07, YSB+07]. **Genome-wide** [BFWH07, EMB+08, SKM+08, FMA+09, YSB+07]. **genomes** [OLH+08]. **genomic** [LYWK08, MGW+08, MSM+06, SLP+06, TDD+05, Wil07-45]. **genomics** [MHM+07]. **genotoxic** [MCD+07]. **genotypes** [CGK07]. **geodetic** [Heu05]. **geometric** [CFBM05]. **geometry** [LeB06-66, NFZ+09]. **George** [Mel08b]. **gephyrin** [MTL+06]. **Germ**

[Sho09y, EIK+05, KSR+08, PMB+09, SRL05, WC07a]. **germline** [DL08, HKN09, LTK09, SRQL09, WLC08]. **Gero** [Wel07f]. **get** [LeB07-56, Les07-31, Les08u, Les09t, Mel06, Pow06a, Ras08a, RM07, Wel05d, Wel05i, Wel05-41, Wel06-35]. **get-together** [Les08u]. **gets** [Bon05j, CS07, LeB05-30, LeB05-37, Les09r, Rob08q, RW08e, Tum05-81]. **Getting** [Gle07, Les06k, Wel05y, Wel05z, Les09-29, Sed08g, Sed09c, Ros08c, Sho09-53, Wil08b]. **GFP** [DvCvH+08]. **Gia** [Sed08h]. **giant** [LeB06-28, ZWG+05]. **Gibson** [Sho09-36]. **Gilbert** [Wil07w]. **Giraldez** [Wil09b]. **GIT1** [NWB+06]. **GIV** [GGMBF08]. **give** [LeB06-56, Sho09-39, VMY+09]. **gives** [Sed08f, Sho09-27, Sho09a]. **gland** [Les07q, SKR+07]. **glandular** [NLC+05]. **glaucoma** [HLJ+07]. **glia** [PT07, TDG+06, Wil09m]. **Glial** [ZTM+08, LeB05l, SFY+05]. **gliomedin** [EFCP07]. **gliotoxin** [PUG+06]. **gliotoxin-induced** [PUG+06]. **Global** [MJF+07, JNHB08, WSG06]. **globally** [Ter06]. **globin** [BLR+06]. **globular** [Ped08]. **glucocorticoid** [KTI+05]. **glucose** [YZO+07]. **glucosylceramide** [HNvD+07]. **glue** [KWA+05, PT07, Wel06-64]. **GLUT1** [VKR+09]. **GLUT4** [LMZ+05, Tum05-28, WP08, YOS+05]. **GLUT4-containing** [YOS+05]. **glutamate** [KVC+09, OWM05, SSD06]. **glutamine** [DTP07, YZO+07]. **glutamine/asparagine** [DTP07]. **glutamine/asparagine-rich** [DTP07]. **glutaredoxin** [AAG+09]. **glutathionylation** [AAG+09]. **Gly** [LeB06-58, PTF+06]. **Glyburide** [LMV+09]. **Glycan** [LeB07q, CHO+09b]. **glycans** [GOM+09, SN05]. **glycine** [MTL+06, Rob08n]. **Glycogen** [BYF+05]. **Glycolipids** [Tum05-29]. **glycoprotein** [CHO+09b, DNG+06, KAL+06, PGWH08, PMC08, SGK+07, VCSG07]. **glycoproteins** [NTHN+08, SN05]. **glycosaminoglycan** [RRA+09]. **glycosaminoglycan-binding** [RRA+09]. **glycosphingolipid** [HNvD+07, SHjC+07]. **glycosyl** [CTY+06]. **glycosyl-phosphatidylinositol** [CTY+06]. **Glycosylation** [Wil07x, FKB+05, JASC08]. **glycosylphosphatidylinositol** [BLC+09]. **glycosylphosphatidylinositol-anchored** [BLC+09]. **glypican** [DLBSD+05]. **glypican-1** [DLBSD+05]. **glypicans** [HKN09]. **GM1** [VSR+08]. **GMP** [PBD+06]. **GNL3L** [ZMH+09]. **Go** [Les07-27, GG09, Les07l, Les07s, Les08w, Les09-37, Pow05n, Rob08-52, Tum05-28, Wel05-36, Wil07i, Wil07-66]. **Godfather** [Wil08u]. **goes** [Les08l, Les09-28, Sco08, Tum05-43, Wel05-28, Wel05-51, Wil08o]. **Going** [Les07-28, Mis05]. **Golden** [LK06]. **Golgi** [ARKS+08, AM05b, Ban09, BE05, BBF+07, BWW+08, BCR+08, CZP+05, EGL+09, FHFB+06, GEP08, GDR+05, GL06, HNvD+07, HEW07, HAAHD05, JKW+09, KES+09, LeB05-43, LeB07g, LeB07r, LeB08v, LDPLS05, NYM+08, Pow05v, SRA+05, Sav09b, SB09, STBL09, SS06b, SSP+07, Sho09-32, Sho09-42, SGKM08, SHDT05, WHOS06, WRP+06, WS09, Wel06q, Wil07y, WSB+09, ZL05, dGHW08, vBDF+09]. **Golgi-localized** [FHFB+06]. **Golgi-resident** [HEW07]. **Goliath** [Ros09]. **GOLPH3** [WSB+09]. **gonad** [ZRH+09]. **Gonadotropin** [PKJS+08, GMM+08].

Gonadotropin-releasing [PKJS+08]. **Gone** [MG08b, LeB06-37, LeB07-62]. **good** [Les08-37, Sho09w]. **goods** [Wil07-37]. **got** [Les08-46]. **govern** [TTNA+06]. **governs** [CTS+06c, PGO+07, PWD+06]. **Gp135** [MSSF05]. **Gp135/** [MSSF05]. **gp210** [SNPCG06]. **gp210-deficient** [SNPCG06]. **GPCR** [KSR+08, XMSYJ07]. **GPCR-mediated** [XMSYJ07]. **GPI** [CZM+07, NS06, NS07, PPCZ06, SS06a, SFEK07, SFS+07]. **GPI-anchored** [CZM+07, NS06, SS06a, SFEK07, PPCZ06, SFS+07]. **GPR3** [FNH+05]. **Gq** [EFG+05]. **gRab** [Rob08-39]. **Gradient** [Nyb05e, CCSBM+07, LeB07f, SH05]. **gradient-sensing** [SH05]. **gradients** [WHB+07]. **granule** [BMP08, DP06]. **granules** [AOT06, AK06, DR07, GMK+05, HCC+07, KSA+05, NYI+05b, NAG+08, UZ08, WGKA+08]. **Granuphilin** [GMK+05]. **granzyme** [CAL+07, SWB+07]. **granzymes** [KBS+06, WSS+06]. **Grapes** [RMKS08]. **GRASP65** [BBF+07, BWW+08]. **Grd19** [SSSB07]. **Grd19/** [SSSB07]. **great** [Wil07a]. **Gremlin** [FKS+06]. **gross** [BSO+08]. **Group** [Wel06r, SSH+05, AMERT+07]. **grow** [Rob08-33]. **growing** [BKLT+08, Wit08]. **Growth** [Bon05d, DLBSD+05, HK06, LeB07s, Tum05-78, AOP+05, ANI+07, BSK07, BLT09b, BCT06, BCR+08, DBR09, FKB+05, FBY+06, FHS+07a, GEE07, GFD+05, HHT+07, HFY+06, HXZ+07, HCN06, HIK+08, HLA+06, HFF07b, JP06, KDG+09, LMMHP+05, LeB06m, LeB06-72, LeB07q, LeB07-29, LeB07-44, LeB07-59, LeB08o, LSNY08, Les09w, LSdWL07, LJY+07, LFS+05, MYMH09, MPG+09, MH07, MB07, NTB+06, NPV+07, OLLG05, OFY+05, OTM+07, PTL+05, PCMSB09, PSS+05, RBJL06, RRP+08, SGB+06, Sed09a, ShCM+06, SYM+08b, SSK+09, TVP+06, VCN+05, WHB+07, Wil07-35, YMDL09, ZTKK05]. **growth-dependent** [FKB+05]. **gruberi** [KKY+05]. **GSK** [RP05]. **GSK-3** [RP05]. **GSK3** [KLG+09, Sho09z, WWS05b]. **GT1** [PGWH08]. **GTP** [BHG+05, KCE+06, LDGK08, Mis05, RWM+05, SCM+07, SSE05, TM05, Tum05-79, WAKS08]. **GTP-binding** [KCE+06]. **GTP-driven** [TM05]. **GTPase** [BPL+08, FHS+07a, GAG+06, GFD+05, KBN+06, LSNY08, MYMZ08, PAV+06, QIH+06, RCS+09, RWM+05, oSCW07, TGH+07, WZW+09]. **GTPase-activating** [FHS+07a, KBN+06, TGH+07]. **GTPase-dependent** [RCS+09]. **GTPases** [GGEd+07, HFF07b, LH05, PG06, SHB+07, SWG+05, iYEF+07]. **guanine** [LLT+08]. **guanosine** [TTO+08]. **guanylyl** [SSJ+07]. **guard** [Les09b, Wil09q]. **guards** [LeB06v]. **guidance** [HHT+07, HKIY09, Pow07e, WZC+08, ZMA+07]. **guide** [Mal06, Nor06]. **guiding** [VML06]. **gulp** [Rob08-48]. **Gurdon** [Wil08u]. **gut** [LeB06-34, Sho09-39]. **gyroscope** [Pow05n].

H [Rob08o, SSD+09, DKR+06, FKN+07, GMG+07, PB05]. **H/ACA** [DKR+06]. **H1** [AH05, FSTI06, LeB06-27, MFH05]. **H2A** [KTA+06, MBJM+09]. **H2AX** [KKD+07, LBS+08]. **H2B** [FD09, KTA+06]. **H2BK123** [NLG+09]. **H2BK123Rgument** [LD09]. **H3**

[BvOM+07, FD09, GSY+09, HTYNK09, iHBD08, XGX+09]. **H3K4** [NLG+09]. **H3K79** [NLG+09]. **H4** [SS07]. **hair** [AOP+05, LGT+07, OTM+07, PST+06, SCFKB07, Wil07-35]. **hairs** [VCN+05]. **hairy** [LeB05-44]. **half** [Pow05o]. **half-spindle** [Pow05o]. **halt** [Tum06-30]. **halting** [LMZ+05]. **Hand** [Rob07f, GG09]. **handcuff** [ZKS+08]. **handle** [Sed09c]. **Handy** [Wil06g]. **Hang** [LeB07u]. **HAP40** [PSL+06]. **haploinsufficient** [BJM+06]. **hare** [LeB05-89, Wel06-62]. **Hauling** [Les08v]. **HB** [HIK+08]. **HDAC3** [ZXM+06]. **HDAC4** [LRS05]. **HDAC6** [OLC+07]. **head** [CLL07, SMH+09, Thu07]. **headpiece** [PFGSV06]. **Heald** [Sed08n]. **healer** [Les08p]. **Healing** [Les07-29, BFG+06b, CBM+07, CTP+09, Wel06i, WHM+07, WFJ06]. **heals** [Sho09-52]. **health** [BW08]. **healthy** [Wil09l]. **hearing** [Wel05-48]. **Heart** [Wil07z, Wil09i, BH08a, Gle07, HB08, LeB05-61, LPB+08, PDM+08, SMSPK08, TMW+05, Wil08b]. **Heat** [MG08a, KFK+05, YOY08]. **Heather** [Ros08c]. **heavy** [GMSS06, KKM+08, RG06b]. **HECT** [MSECB05, ORM+08]. **Hedgehog** [LeB06-28, GQSHO05, KAD+08, JLG+06, LYWK08, LBG+06, WMM+09]. **Hedgehog-related** [LBG+06]. **hedgehog-responsive** [GQSHO05]. **hedgehog/Hes1** [WMM+09]. **HEK293** [TDP+06]. **HeLa** [LEH+05, YHC+06, ZL05]. **held** [LeB06-45]. **Helenius** [Wil08d]. **helical** [SGKP+07a, SGKP+07b]. **helicase** [AHM+05, FMD+09, LeB05-91, PPBF08, TNS07]. **helicase-dependent** [TNS07]. **help** [Ras08a]. **Helping** [Les07-30, Les08w, Les08x]. **helps** [LeB07r, Les09a, MWMS07]. **hemagglutinin** [HKV+05]. **hemifusion** [GHY+05, RM05a]. **hemocyte** [WFJ06]. **heparan** [FWC+07, KKH+06, KSpLL06]. **Heparanase** [MBR+06]. **hepatitis** [Wil08f]. **hepatocyte** [CSM+06]. **here** [Les07-31, Nyb05c]. **Herp** [TTE+07]. **herpes** [CTS+06b]. **Herpesvirus** [DNG+06]. **Hes1** [MOM+06, WMM+09]. **Heterochromatin** [KKD+07, LDL+09b, Wel05-27, BY09, GER+07, KWA+05, LG07, LG08, PL06, WSG06]. **heterodimer** [LLL+06]. **heterodimers** [NMO+07]. **heterogeneities** [STP08]. **Heterogeneity** [LLS+09]. **heterophilic** [TMH+06]. **Heterotrimeric** [CLG+07]. **hexagonal** [NFZ+09]. **Hey** [Les07-31, Wil07-27]. **HGF** [BCT06, PTL+05]. **HGF-induced** [BCT06]. **HGF/Met** [PTL+05]. **HGF/Met-induced** [PTL+05]. **HHMI** [CDM+07]. **Hidde** [LeB07t]. **Hidden** [LeB06-29, Les09-33]. **Hiding** [Tum05-30]. **hierarchy** [VFRJ+07]. **HIF** [LLH+09, XJF05, PZG+07]. **HIF-1** [LLH+09, XJF05, PZG+07]. **Hif1** [Tum05-71]. **High** [CLS+06, HBD+05, LeB08-27, SSH+05, Wil06g]. **high-resolution** [Wil06g]. **Higher** [RCKD06, DLT+07, MMC08]. **Highly** [Wel05-28, MAK+06, SSS+08b]. **Highwire** [Sho09f]. **hinders** [LeB07b]. **hinge** [LYK+06, PFGSV06]. **hinges** [Tho06]. **HINT1** [LBS+08]. **Hip** [SLK+08, VD05]. **Hip-2** [SLK+08]. **Hippel** [SGB+06]. **hippocampal** [DTL+07, FM05, PKJS+08, RBC05, XLH+07]. **histidines** [FSH08]. **Histone** [iHBD08, LeB06-30, MFH05, NLG+09, Rob08p, SLCB05, WLS+09, AH05,

BvOM+07, CMD+08, FSTI06, GTB+07, GER+07, GSY+09, HGJ06, HTYNK09, JET+07, KTA+06, MBF+07, MRK+07, MBF+08, SS07, XGX+09]. **histones** [LeB06-74]. **History** [Tum05-31]. **hit** [Rob08w]. **hitch** [DP06]. **hitches** [Les08a]. **hitchhiker** [Mal06]. **hits** [Les07-50]. **HIV** [BMB+07, BFF+06, CPAH08, DPMB+07, KDD+09, LeB08t, LeB09a, Les08-38, NKK+06, Wel06t, Wil07-33, Wil07-34]. **HIV-1** [BMB+07, CPAH08, DPMB+07, KDD+09, NKK+06, Wel06t]. **HMGA** [Wil06k]. **HMGA2** [TVP+06]. **HMGB1** [PGP+07]. **hnRNP** [KHBV05, WGKA+08]. **Hoarding** [LeB06-31]. **Hochedlinger** [Wil07-32]. **Hof1** [NSO+09]. **Hold** [Les06l, Wel05-35]. **Holding** [Tum05-32]. **holds** [Tum05r]. **hole** [LeB06-81, Wel06l]. **hollow** [HB08]. **home** [Les08-33, Wil07-34]. **homeodomain** [LCL+07]. **homeostasis** [CTP+09, TTK+06, TTE+07, VTT+09a, VMY+09]. **Homing** [Tum06t, NS06]. **homologous** [AMERT+07, BSO+08, BFCS+07, SiTT+08, TNS07]. **homologue** [FSG+08, JGY09, MWY+09, MDH+06, MLP06, NSS+08, PCMSB09, SHS+09, WZC+08, WOP+06, ZSMW09]. **homologues** [CS09, SCR+09]. **homology** [BWFdL09, JMG+06, POGL08]. **homology-directed** [BWFdL09]. **Homophilic** [MKV+09]. **homotypic** [STBL09, YSP+06]. **honeycomb** [Heu05, SWL+05]. **hooks** [LeB07n]. **Hoon** [Wil08v]. **hops** [LeB08y, LU05]. **Hormone** [LCM+08, CMD+08, GMM+08, LeB07-45, MGR+05, PKJS+08, Wil07z]. **hormone-1** [GMM+08]. **Hormone-dependent** [LCM+08]. **hormone-mediated** [CMD+08]. **hormone-releasing** [GMM+08]. **Horsley** [Sho09-53]. **host** [INB06, MBR+05, PUG+06, PG06]. **hotspots** [WKWL06]. **house** [Kat06e, Les08o, Sed08l]. **housekeeping** [BBFN07]. **Howard** [LeB07u]. **HoxD** [Kat06h]. **HP1** [ABY+08, JZN+09]. **HP1-** [ABY+08]. **hPOC5** [AHD+09]. **HR** [KKK+05]. **HRas** [FM05]. **Hrd3p** [MLP06]. **hRio2** [ZWO+09]. **hRME** [SSM+08]. **hRME-6** [SSM+08]. **Hrp59** [KHBV05]. **Hrs** [RRP+08]. **hsc70** [KFK+05]. **hSgo2** [HFF+07a]. **Hsp70** [SMM+08a]. **Hsp70-2** [SMM+08a]. **Hsp70-2/HspA2** [SMM+08a]. **Hsp90** [BMGPB+08, SZL+09, ZKG+08]. **Hsp90a** [ERS08]. **HspA2** [SMM+08a]. **hSSB1** [SRS+09]. **hSSB1-mediated** [SRS+09]. **Htm1** [CHO+09b]. **Htm1p** [Sed09c]. **hub** [VD05]. **hubs** [LeB05-35]. **Human** [CAL+07, FMD+09, KAD+08, MSM+06, BTD+07, BH08b, BLR+06, CS09, CFU+09, CMN+08, DTY+05b, DKR+06, DDLC+06, DHML05, FSG+08, FFS06, FKS+06, FKML+06, GEP08, KCE+06, KBI+08, KBS+06, KCH+06, LMMHP+05, LeB07-45, LRJY06, LVG+09, MRKH05, PHB+07, RG06a, SHK+07, TTO+08, TC08, TD08, ULN+07, VFRJ+07, YZO+07, ZDD+06, ZNP+09]. **HUMMR** [LLH+09]. **Hungry** [LeB08j, Les07-34, Pow06f]. **Hunter** [Wil08w]. **Hunting** [Les06m]. **Huntingtin** [MGR+05, OVL+07, BLB+05, LeB05o, LVDR05, SFY+05, WZM+08, YCR06, PSL+06, TAK+09, Tum06y]. **Huntingtin-HAP40** [PSL+06]. **huntingtin-induced** [BLB+05]. **Huntingtin-interacting** [OVL+07]. **Huntington**

[Les08-28, PSL+06, Sho09-29, WWO+08]. **HuR** [MDC+08]. **HURP** [Wil06b, WF06]. **Hwang** [Ros07b]. **Hyaluronan** [KZH+07]. **Hydin** [LeB07v, Smi07, LW07a, LDR+08]. **Hydrogen** [GH05, MMM+05]. **hydrolysis** [BHG+05, CCC+06, HLK+09, RWM+05, SDB+05, SSE05, WAKS08, vRSvR+07]. **hydrophilic** [KMS07]. **hydrophobic** [BLC05]. **hydroxylase** [PCMSB09]. **hydroxylated** [WHR+09]. **Hyman** [Wil07c]. **hypercitrullination** [WLS+09]. **Hyperdynamic** [Kat06g]. **hyperosmotic** [ZPGB+07]. **hyperplasia** [JLG+06]. **hypersensitivity** [BvRJ+05]. **hypertrophy** [ZBKJ07]. **hypothesis** [KMK+05b]. **Hypoxia** [BBG+05, LLH+09]. **hypoxia-** [LLH+09]. **Hypoxia-inducible** [BBG+05]. **Hypoxic** [LeB07w, BKE+07, LJM+07]. **Hyung** [Wil09l]. **hZW10** [FVSC08]. **hZwint** [FVSC08]. **hZwint-1** [FVSC08].

I-mediated [SFC+08]. **i3** [GGMBF08]. **IA** [GEE07]. **Iain** [Sho09-28]. **IAP** [HCB+08]. **IAP1** [KKM09b]. **IAPs** [GHM+09]. **ICAM** [TSN+07]. **ICAM-5** [TSN+07]. **ICAM1** [vBAS+07]. **ICAP** [LeB08k, MFBG+08]. **ICAP-1-dependent** [MFBG+08]. **iceberg** [Wil09b]. **Icrac** [CLK+07]. **idea** [Pow06i]. **ideas** [Sed08a, Sed08h]. **Identification** [CJMG05, CMN+08, FHFB+06, FSH08, GMW+05, GFA+09, MMU+09, NS07, NRW+08, OBY+06, THY+06, UFY+07, KFC+05]. **identified** [BMBD+09, MCD+07]. **identifies** [MHM+07, TTG+09]. **identify** [KPR+07a, KPR+07b]. **Identifying** [TMBL+08]. **identities** [Wel05r]. **identity** [Les08d, Sed09i]. **If** [Rob08r, HK07, LeB05-66]. **IFN** [MDET08]. **IFT** [Den05, ESG+06c, HQF+07, LJS+09a, POCS+06]. **IFT20** [JSFP08]. **IFT46** [HQF+07]. **Ig** [BMK+07, KVS+09, SSS+08b]. **Ig-fold** [SSS+08b]. **IgE** [LGH+05, Too05]. **IGF** [RYD08, SDL+05, XKYW07, DGP+05]. **Igf-1** [DGP+05]. **IGF-1R** [XKYW07]. **IGF-I** [SDL+05]. **IGFBP** [RYD08]. **IGFBP-5** [RYD08]. **IgG** [TMY+09]. **Ihh** [BLT09b]. **II** [BBM+08, ADC+07, CM07, CHCB05, CVACF07, GCS+07, HHT+07, HLP06, JLM+07, KPS+07, LeB06-46, Les07-51, LK05, LGBD+07, MHL+06, MCF+05, MBS+08, MRL+08, POCS+06, PNB07, PWD+06, ROKG08, RYD08, TD08, VLFA+07, WTE+08, WVB07, YKH+08, YMC05, ZMGC05]. **IIA** [KCOS06, VMZW+07a, VMZW+07b]. **IIb** [WBP+08, YLM+06b, VMZW+07a, VMZW+07b, VMKW+08]. **III** [AWR+07, BKE+07, HCRT08, HRLH08, JHY+08, LK05, NWO06b, ST09]. **IKK** [BWL+08, Sho09-29, SLZ+06, TAK+09]. **IKK-** [NEF+06]. **IKK/** [BWL+08]. **IL-1** [CTP+09]. **IL-3R** [DRD+05]. **IL-6** [MKH+07]. **I'm** [Wil07-27]. **image** [Hil08, Nor06]. **Imaging** [OIFN+07, Sed07c, Wil07-30, HSTM06, PH07, SWG+05, lWHMH06b, YTH+09, lWHMH06b]. **immature** [CZSG08, SWL+05]. **immobilization** [CNMM+06, SFS+07]. **immobilized** [SFEK07]. **Immortal** [Tum05-33, KMK+05b]. **Immune** [IKZ+07, Wel06u, LeB07-32, LHRP05, Sed07c, SX08, STP08]. **Immunity** [LeB07x, Bas07d, Wel05-42]. **immunoglobulin** [TLK+06]. **immunoglobulin-like** [TLK+06]. **immunological**

[BUJ+08, Rob07a, TLK+06]. **Immunologist** [LeB07t]. **immunology** [Sed09j]. **immunoreceptors** [ZKR+07]. **IMP** [MKSJ06]. **IMP-binding** [MKSJ06]. **impair** [LDR+08, SNA+07]. **Impaired** [ECR+09, WWO+08, LHS+05, NTSY08, TT09, WBL+06]. **Impairment** [KWU+05, dGSWW+06]. **impairs** [HTKR06, KST+07, LYWK08, RRA+09, WH06, WHM+07]. **implicates** [WZM+08]. **implication** [BSMT05, CK07]. **implications** [BW08, CMN+08, VBG+06]. **import** [CCC+06, FHO+05, GGE+09, KFK+05, KGM+07, LeB05-98, LZM+06, Les06n, MF08, PES+07, RM05b, SMM+08c, THS+09, TTNA+06, Tum06-46, WAKS08, XYC+07, YM06]. **Important** [WKW+08, GFA+09, SYA+08, WEL+07n]. **importin** [FFW+07, FHO+05, RM05b, YM06, TTO+08]. **importin-** [RM05b, TTO+08]. **imports** [Les08g]. **impose** [LWG+05]. **improper** [OFfL+07]. **In-and-out** [Tum06u]. **inaccessibility** [LeB07d]. **inactivates** [UTK+09]. **Inactivation** [KKM+08, VTT+09b, HGA+09, LW07b, MBdR+08, RMR+09, ZTZ+09]. **inactive** [HBPL09, LMMHP+05]. **inactivity** [Wil07-51]. **INCENP** [XOV+09, JhKC08]. **INCENP-aurora** [XOV+09]. **included** [Mat06]. **inclusion** [BZYM+08]. **incompatibility** [Tum06a]. **incompatible** [THL+06]. **increased** [BXN+06, GHDS+07, HJK+06]. **increases** [BbCQ+09, SDL+05]. **Independent** [KKK+05, LeB07y, MMH09, BCT06, CYC+06, CPAH08, CVACF07, DPK+05, DBW+06, DBR09, EHWL06, FHNG05, GMSS06, GMZ+08, GCS+07, HCK+07, KFC+05, KKM09a, KBC+08, LSdWL07, LRS05, MTRJA05, MM08, NDS+07, NYI+05b, PNB07, RWM+05, SSHW09, SJL+07, SDDV05, TNS07, WJM05, DPP+07, JWSS05, SRL+06, WMM+09]. **independently** [BMS+08, DLL+08, DTW06, GLH+05, HFvdV+05, MKSJ06, ROKG08, RHMW+05, SPT+09, SPT+21]. **India** [VD09]. **indicates** [KSL+05]. **indispensible** [SFB09]. **individual** [FML+06, HQF+07, RBC05, Wil07-30, WvNS+07]. **induce** [BEN+05, CSM+06, KPM05, LKL+05, OTM+07, RHMS05, THL+06, WHC+07]. **induced** [BSF+08, BLB+05, CLL07, CBML06, DSLY+05, DLBSD+05, FIK+05, FIK+20, GMvdKC07, HCB+08, KOKM07, KWU+05, KNT+07, LNG+05, LYWK08, LMC+09, LSIT+08, MFA+07, ML05, MBJM+09, MDET08, MCD+07, MRKH05, NEF+06, NRL+05, PUG+06, PGW+08, PKM+05, SKM+08, SRL+06, SKO+06, pTyLZ+09, Tum05t, WCB+08, WBP+08, WSS+06, WPH+07, WPC+08, XJF05, YIfHA09, YJJ+09, YLM+06b, ZTZ+09, vRSvR+07, BCT06, GHM+09, GEH+07, HLL+08, HPH+05, KNKH06, LD07, MRD+08, NYN+06, PDM+08, PTL+05, SYKM08, VSR+08, ZXM+06]. **inducer** [MLC+06]. **induces** [BSL+08, DSN+07b, FCB+09, FCB+19, HlQY+06, IPAR05, JLC08, JYZL06, KLV+08, LYWK08, LJM+07, LSC+06a, LLHH07, MYO+05, MZH+08, dJPAW+09, SFB+05, SYM+08b, SFEK07, TCHL05, Tum06-33, UZ08, VCC+08, YGY+05, YZO+07]. **Inducible**

[BvRJ+05, HGA+09, BBG+05, HKP+09, PTL+05, VTRB06, LLH+09]. **inducing** [KGKV07, RGA+06, STK+05]. **Induction** [BDR+06, HWJ+08, JZN+09, KTN07, LCT+09, MAH+05, MMS07, PBD+06, TdVM+07]. **industry** [Wel07h]. **Inequality** [LeB05-45, LeB07h, Les08-36]. **infect** [LeB07-67]. **infected** [CBG+06]. **Infection** [LeB05-46, BXN+06, DDLC+06, LeB06x, LeB06-76, SHjC+07]. **inflammasome** [LMV+09]. **inflammation** [LSIT+08, Rob07d, SWG+05]. **inflammatory** [KBW+06]. **inflate** [Sho09-32]. **Influence** [MFO09, HMG+08, KCD+06a, Tum05-31, VTRB06]. **Influences** [PVMH05, PEW+05, SRXvdK06]. **influenza** [HKV+05]. **influx** [LeB06-75]. **information** [BUJ+08, HSLI09, LWG+05, MPL+07a]. **ingest** [LeB06-65]. **inherent** [TMY+09]. **Inheritance** [LYTL07, CMF+09, FFT+05, MMNH09, Sed09e, Sho09-48, WS09]. **inhibit** [BWL+08, GHM+09, LB08]. **inhibited** [CTS+06a, KCMB08, VBL+05]. **inhibiting** [KST+07, KZT+08, KZT+09, LCS+09, MGH+09, SFB+05]. **Inhibition** [CNW+05, DCMB+07, FIK+05, Mel08a, SDN+05b, SHjC+07, SGDM06, TD08, WSB+06, XJF05, BSO+08, BDR+06, CM06, CCL+07, DDO+08, HFY+06, HGJ+08, LFW+09a, LFW+09b, MMM+05, NSM+09, NS06, OLLG05, OYTO07, RVBZ+08, SBM+07, SGMPV07, SYM+08a, Ste08, TGH+07, VCSG07, FIK+20]. **Inhibitions** [Les08x, Sho09-50]. **inhibitor** [BYF+05, BGZ+07, KRP+09, LK05, PTL+05, RRA+09, TCW+06, YTB07, YLM+06b]. **inhibitors** [PMS+07, Rob08e]. **inhibitory** [KCOS06, PLR+06, PPS+06, TLK+06, XMSYJ07]. **inhibits** [FWC+07, HZL+07, JGY09, KKM+08, KNKH06, KII+08, KWY+06, LMV+09, LPWP+07, LZL+05, MAH+05, MDET08, NSM+09, OKN06, RBJL06, RMC+05, RGA+06, SQB+08, TCW+06, Wel05-63]. **initial** [DZG+07, HXO+07, HOR08, WNB08, YOHR07]. **initiate** [CWNF+09, RCS+09, TMI07, YWJ+07]. **initiated** [DBW+06, KKB+06]. **initiates** [BFL+05, GGBV+07, KSR+08, LLM+05, ROKG08]. **initiating** [TJC06]. **initiation** [KII+08, MGBH+06, NN07a, NFC+08, oSCW07, YN07]. **injured** [ITG+08, NJS+06]. **injury** [HFY+06, LeB05e]. **INK4A** [LTDH05]. **Inn1** [NSO+09]. **Innate** [Wel06v]. **inner** [BZA+06, BSDA07, BSM+08, BSM+09, COB+08, CNMM+06, DDRL+09, DJV+05, GFC+08, HWPH+08, HIK+08, HHS+09, HFF+07a, HCL+07, LS06, MNH05, Sed09h, VBNR06]. **innervation** [Pow05c, SHX+07]. **inositol** [HSLI09, HPH+05, LMC+09, MuMI+06, SFB+05, dCD+07]. **Inp1p** [FFT+05]. **ins** [Les08b]. **insensitive** [BKBM06]. **insertion** [HSTM06, LeB06s, LeB06-82, OTH+07, Rap05]. **insight** [BBM+07, LeB06-51]. **insights** [LDKT06, PFGSV06]. **InsP** [MHM+05]. **instability** [LYWK08, MGW+08, MSC+07, MSM+06, RP08, TT09, TC08]. **instincts** [LeB06-34]. **instructing** [Wel07f]. **instructs** [Pow05c]. **insulative** [DG08]. **Insulin** [LeB06-32, LMZ+05, GMK+05, HGJ+08, OIFN+07, YCR06]. **insulin-signaling** [YCR06]. **insulted** [HLJ+07]. **intact** [SM09, VTRB06]. **integral** [MMCW06, SHC07, SHS+06]. **integrates** [HLA+06]. **Integration**

[BCR+08, TTYH09]. **integrator** [HSK+05]. **Integrin** [CWNF+09, FDM+08, GLBS06, KKW+09, Les06o, LGT+07, PBB+09, WCB+08, dRKD+05, AXM+05, AS06, ASHD+05, BMR+08, BCT06, BMRP07, CNM+05, CCL+08, CSL+05, CML+06, DRD+05, EVH+07, EVH+08, EBMG09, FHNG05, FMM+08, FZT+07, HHY+08, JS07, KGM+09, KWY+06, LeB05g, LeB06-34, LLC+08, MQL+06, MFBG+08, NLC+05, NZQ+07, OKN06, PFGSV06, RBJL06, SMH+09, Sho09w, SHjC+07, SZX08, WBP+08, WCR+05, WCN07, WPL+06, XMA+09, YMD+07, YLM+06b, ZB09, ZKR+07, TTG+09]. **integrin-associated** [MQL+06]. **Integrin-dependent** [dRKD+05]. **Integrin-linked** [FDM+08, LGT+07, PBB+09, WCB+08]. **Integrin-mediated** [CWNF+09, GLBS06, AS06, KWY+06, YMD+07]. **Integrins** [DvRF+05b, LeB06-33, OLS08, Tum05-34, EVH+07, EVH+08, JLG+06, LSIT+08, MQWP08, NNS+08, PAV+06, SFC+08, SDN+05b, Tum06-37]. **integrity** [CAR+08, KFR+08, KSE+07, MNF+07, NVEF07, SDW+09, THY+06, TKSNG07]. **inter** [BSM+09]. **inter-doublet** [BSM+09]. **interact** [BMG+07, MMH09, Pow05a, ZWG+05]. **interacting** [LCL+07, MGR+05, MM05, OVL+07, HTK+08, TWC+07]. **Interaction** [SSP+07, AGL+08, ADC+07, BH08b, BSH+07, CNM+05, COTAE+05, DNG+06, EMD+08, FVSC08, FIK+05, FIK+20, GMW+05, qGyWX+08, GNPC+08, JCMG08, KIKI+07, LVL+05, LSdWL07, LBC+07, MYMH09, NPHT08, NHK+08, OSM+09, RKK09, SKE+05, SYRL+08, STBL09, ShCM+06, SHK+07, TMBL+08, WPH+07, ZTZ+09, ZRH+09]. **Interactions** [KSpLL06, SBMP05, ASK+09, BRKR06, BXHD08, BFB+08, CWNF+09, FFW+07, FKB+05, GL06, HWS+07, KCAS05, LGH+05, MEG+07, MSB06, NSO+09, OSI+07, PG06, QHB+07, RKN+07, TMH+06, Tum05-69, UPBM06, XOV+09, YNL+08, vRCB+07]. **interactome** [COB+08, OHP+09]. **interacts** [FTM+06, GD05, HSB+07, JMG+06, KTI+05, LMM+09, MPG+09, RRP+08, STU+08]. **intercalated** [PDM+08]. **intercalations** [YKP+08]. **intercellular** [BZHA+08, BW08, LSIT+08]. **interdomain** [LYK+06, Tho06]. **interface** [CVD+05, MFM+06]. **interference** [TCKV05]. **interferes** [DDLC+06]. **interferon** [KBC+07b, LHRP05]. **interferon-** [KBC+07b, LHRP05]. **interkinesis** [MHL+06]. **interkinetochore** [OLH+08, WF06]. **Interleukins** [Tum05-35]. **Intermediate** [ÇB09, Bon05g, CPAH08, CSTT+06, LC09, WAW08]. **intermembrane** [HK07, SDI+06, SPK+09]. **internal** [NLS+05]. **Internalization** [SB06, BGZ+07, HBK+06, LOG+06, SCK+07, WMT07]. **internalized** [DBW+06, KBC+08, Les05a]. **International** [Wel06o]. **Interneurite** [TMH+06]. **interneurons** [DCAC05]. **internode** [MEG+07]. **interphase** [CM09, HTYNK09, KYK+06, LeB06-40, MLS+07, MSC+07, PL06, Rex09, VDSV06]. **Interplay** [SAD+09, BAdSG05]. **intersects** [KDD+09]. **intestinal** [BAR+05, BDP+07, JLG+06]. **intimate** [BJC+06]. **intra** [SSP+07, WOP+06, MTV+05]. **intra-** [WOP+06]. **intra-Golgi** [SSP+07]. **intrabodies** [PCG+05]. **Intracellular**

[CEY+05, DPMB+07, FM05, LOG+06, LYY08, LGV08, MuMI+06, NRW+08, RP05, WZM+08, WBK+06, WP08, YSSH+07]. **Intraflagellar** [Den05, ELM09, Sch08, AGL+08, IEGV06, PGL+09]. **intrafusal** [AWE+05]. **Intrakinetochore** [MS09]. **Intramembrane** [OHH+06]. **intramolecular** [VBSM06]. **intranuclear** [DOS+07]. **Intranucleolar** [KZS07]. **intravasation** [WMS+06]. **intrinsic** [YTY+07]. **Introduction** [Wel06-67]. **intron** [ELD+08]. **INTS3** [SRS+09]. **invade** [INB06, Rob08-34, Sho09v]. **invadopodia** [CCH09, CCP+08]. **invadopodium** [OYM+09, YLK+05]. **invasion** [BHJ+05, CCH09, CCP+08, GdTAR07, LD07, LeB07-34, OHH+06, RLH+09, SSHW09, SYRL+08, Sed07g, WMS+06, Wil07-33]. **invasive** [GCSG+05, LMMHP+05, Sho09q]. **invasiveness** [YA06]. **invention** [Wel05-31]. **inverse** [MPS+07]. **inversely** [ELM09]. **involucrin** [SNG+07]. **involved** [AFV+05, CJMG05, DUR+05, ELD+08, HMR+07, HDR09, LSD+06, LDL+09a, MLP06, OMGW+06, SRA+05, SCMV07, SHL+09, SBC+07, TSK+06, TA07, TSS+06, VW08, VVMS05, XMSYJ07, iYEF+07, ZWG+05, vBAS+07, vdBKB+07]. **Involvement** [CULS+07, HOH+08]. **involves** [AH05, ABSK06, EHWL06, HGK+06, KMSLS06, MLHS06, WvdLH+07, XJF05]. **involving** [KIKI+07, TSN+06]. **ionizing** [LYWK08]. **IP** [FLA+08, SFEK07, TDT+08, Wil08l]. **Ipl1** [YK07]. **Ipl1p** [ZSMW09]. **IQGAP1** [BMG+07, SYRL+08]. **Ira** [Wel07h]. **Ire1** [HLL+09, KIKI+07, Wil07-29]. **Ire1-dependent** [HLL+09]. **Irina** [Pow09a]. **irradiation** [KDD08]. **Irreproducible** [RVH08]. **irreversible** [BvOM+07]. **IRS** [LFL+05, NEF+06]. **IRS-1** [LFL+05, NEF+06]. **IRSp53** [MPS+07, RKK09, SKO+06]. **Irving** [LeB09b]. **isn't** [Wil09a]. **isoenzymes** [ERM+09a]. **Isoform** [GGH+08, DGP+05, EYB+06, FFW+07, HLM+08, HK06, HLP06, MCD+07, RRP+08, WAW08]. **Isoform-** [GGH+08]. **isoforms** [DDRL+09, HlQY+06, KFR+08, ZTM+08]. **Isolating** [Les05b]. **Isolation** [ABA+06, Les05c]. **isomerase** [FSnP+06]. **isomerase-like** [FSnP+06]. **ISWI** [YRSM+09]. **ITAM** [Rob08a, ZKR+07]. **itself** [Les08y]. **IV** [YOHR07, AOT06].

Jagunal [LC07]. **JAK** [WLC08]. **JAK/STAT** [WLC08]. **JAK1** [SMW+07]. **JAM** [LLC+08]. **JAM-L-mediated** [LLC+08]. **JCB** [Hil07, Hil08, Mel08b, Mis09b]. **Jennifer** [Wil08m]. **Jernej** [Wil08n]. **Jidong** [Wil07-31]. **JIP1** [SL05]. **JLP** [TKB+06]. **JNK** [SL05, SLZ+06, STMG05, ZTKK05]. **JNK1** [TÖL+06b]. **job** [Mel08a, Tum05d, Wil08e]. **Jodi** [Sed09e]. **John** [Wil08u]. **Join** [Rob08-28]. **joining** [DG05, WC07b]. **joint** [Bas07a, PZG+07, SOC+07]. **Joseph** [Ros08c]. **journeyman** [LeB07t]. **Journeys** [EGL+09]. **Jump** [Hac07, Les07-76]. **Jump-starting** [Hac07]. **Jun** [PBAF+08, KNKH06, BWJ05, qGyWX+08, GBNS07, MM05]. **Jun/AP1** [GBNS07]. **JunB** [LPF+06]. **Junction** [Wil08o, BZHA+08, CM06, CULS+07, Gra07, LBC+07, LJY+07, LCL+05, MDL+09, MPG+09, MRO+05, NVJ+08, PYR08, PFD06, SWT08, SSM05, Tak06]. **Junctional**

[HPH+05, OIAT06, Wel05l, vZPG+07]. **Junctions** [Tum05-36, ABY+08, Bon05c, DG08, DP08, GHSG07, HT08, IUT+07, JSC08, LeB07-39, LeB07-57, Les08-56, LSIT+08, LWBL06, MMH09, MMT+05, Pow05t, RSS+09, SHS+09, WCB+08, WL09a, WL09b, Wel05k, Wel06-68]. **Junying** [LeB07z]. **Jussi** [Sed08i]. **Just** [Tum05-37, DDH09, Les07-72, Les07-63, Les08q, Tum06-45]. **Just-right** [Tum05-37].

K123 [FD09]. **K4** [FD09, GSY+09]. **K63** [LJA09, OLC+07]. **K63-linked** [LJA09, OLC+07]. **K79** [FD09]. **KA1** [CYY+08]. **Kai** [LeB05-28, Sed08j]. **kainate** [CYY+08]. **Kaksonen** [Sed09h]. **Kank** [KRZ+08, RKK09]. **Kapoor** [Sed09m]. **Kar3** [GHM+08]. **Kar'ted** [LeB06-35]. **Karyopherins** [Les06p, MPL+07b]. **karyosome** [LCO07, LeB07i]. **KASH** [RH09]. **Katanin** [LeB07-27, MAOM06, SBW+07, LDGO+09]. **KCA** [yYMM05]. **KCA-1** [yYMM05]. **KChIP1** [HFP+05]. **kD** [KFK+05]. **KDEL** [RAS+07, RAS+08b]. **keep** [Kat06g, LeB06-77, Wel05c, Wil07-38]. **Keeping** [Les07-35, Wel05-33, Wel06w, Sed09e]. **Keeps** [Rob08-45, LeB06-64, Rob08-40, Sho09l]. **Kept** [Wel05-34]. **Keratin** [NTS+05, KO06, LC09, OMGW+06, SIS+08, WKWL06, WWL07]. **keratin-binding** [SIS+08]. **keratinocyte** [GFH+06]. **keratinocytes** [MRO+05, NMV+07]. **Keratins** [KC09, VKR+09, BLC05, LeB06-67, SBC+06]. **Kex2** [HEW07]. **key** [ASP06, JD06, LLL+06, MFA+07, NLC+05, OHH+06, RSL06, SWG+05, SMW+07, VKGV08]. **keys** [WC07b]. **kick** [LeB06i, RW08b]. **kickstarts** [Les08c]. **kid** [Wil07-32, TTO+08]. **Kidney** [SKvdBW+06, HMM+05, JSFP08, LeB08d]. **kidneys** [Wil09s]. **KIF13A** [DHT+09]. **KIF14** [GNL+06]. **Kif2a** [JWC+08]. **Kiger** [Sed08b]. **kill** [LeB06a, LeB06-70]. **Killer** [Pow06g, Les07e, RHMS05, Rob07m, TLK+06]. **Killers** [Wel06x]. **killing** [WSS+06, Les09s]. **Kim** [Wil08v]. **kinase** [BYF+05, BSA+08, BPL+05, BFP+07, BFB+08, BPL+08, CKG+08, CNM+05, CHCB05, CM06, CFBM05, CBIO05, ELJ+08, EYB+06, FBO+07, FDM+08, FHS+07b, GXJF07, GHM+09, GWS09, GGEd+07, GNL+06, HHT+07, HLL+08, HF06, KNKH06, KLV+08, KNT+07, LU05, LPA+07, LGH+05, LeB05-44, LeB08a, LPN+08, LBC+07, LCL+07, LGT+07, LFL+05, MCF+05, MLC+07, MGBH+06, MPG+09, MBF+07, MBF+08, MM05, NYM+08, NPB+05, NSM+09, NTY+05, NYN+06, OSS+07, OPT+07, PPK08, PBB+09, PWW+09, ROKG08, RG06a, RMAA08, SKE+05, SRN+07, SPA+05, SDD+07, STP08, SHDT05, SWH+06, SLWA07, TWL07, TST08, TSP+07, VKR+09, WCB+08, WHB+07, WC07b, WCN07, WGKA+08, WF05, WSB+09, XOV+09, YHC+06, YK07, ZPGB+07, dGHW08, Wil08w, KGKV07, ST09, vKGK07]. **kinase-1** [SWH+06]. **kinase-3** [BYF+05]. **kinase-deficient** [EYB+06]. **kinase-MAPK** [GXJF07]. **kinase-mediated** [YHC+06]. **kinases** [CTY+06, CLK+07, DCA+06, DSBK09, FOB+09, LVL+05, Les07-33, LRS05, OMGW+06, PLH+08, YMC05]. **KIND** [HFF07b]. **Kindlin** [MQWP08].

Kindlin-2 [MQWP08]. **Kinesin** [CYC+06, DBD+09, LeB06-36, Tum05-38, CBMCSS08, GMSS06, Hac07, HHFC06, KKW+08, LeB05u, LeB07-41, LeB08r, MTB+09, MGBM+09, MSK05, RG06b, SD07, Tom08, TS06, WDWC08, ZHYE08, BCJ+07, CHSV07, LeB07-28, MB07, Rob08s, TAM+06, VSG09, yYMM05, POCS+06]. **Kinesin-1** [BCJ+07, CHSV07, yYMM05]. **kinesin-13** [WDWC08]. **Kinesin-13s** [TAM+06]. **kinesin-3** [HHFC06]. **kinesin-5** [CBMCSS08, KKW+08, LeB07-28, MB07]. **Kinesin-6** [VSG09]. **kinesins** [ESG+06c]. **kinetic** [CLA+05, DZW+08, TTNA+06]. **kinetically** [HCC+07]. **kinetics** [CFH+08]. **Kinetochore** [TWG+09, UTK+09, Wel06y, ASH+09, CYC+06, CFU+09, ELJ+08, FVSC08, GTHK05, GSV07, HWPH+08, HFF+07a, HHZ+08, JBF+08, JhKC08, KHWC08, KKM09a, KCH+06, KKW+05, LRJY06, MS09, MHFH06, PMK+07, Pow06h, Pow06l, Sed07e, TKKT07, VDSV06, VMSV08, Wel06-36, Wil06b, WF06, WWvD07, YWEK08]. **kinetochore-associated** [CFU+09]. **Kinetochore-generated** [TWG+09]. **kinetochore-independent** [KKM09a]. **kinetochore-microtubule** [JBF+08, VMSV08]. **kinetochore/cell** [VDSV06]. **Kinetochores** [Les07-36, Wel05-35, MPLF+09, MDPG07, NNK+08, OLKK09, SCVW09, Sho09-28, SCMV07, TST08, TS06, WBT+08, WF05]. **king** [Wil08w]. **Kip1p** [CGJ09]. **KIR** [KCOS06]. **kit** [Les08j, ZDD+06]. **KLHL21** [MOS+09]. **Klotho** [MRD+08]. **KLP10A** [MTB+09]. **knock** [Rob08e]. **knock-out** [Rob08e]. **knockdown** [TKH+05, WKIKG09]. **Knocking** [Tum06w]. **knockout** [OFfL+07, SPA+05, YCX+08]. **Knows** [Wil08v]. **Konrad** [Wil07-32]. **Krantz** [Sav09a]. **KRas** [FM05, LTAM+09, Sho09-30]. **Kris** [Wil08p]. **KRIT** [GHSG07]. **KRIT-1** [GHSG07]. **KRIT-1/** [GHSG07]. **Ku80** [PGW+08]. **Kv4** [HFP+05].

L [CZD+09, HSK+05, LLC+08, MKV+09, WBG+08]. **L-type** [CZD+09, HSK+05, WBG+08]. **L1** [GCSG+05, LLS+09, STU+08, YWK+08]. **L1-CAM** [STU+08]. **L1/NgCAM** [YWK+08]. **L1CAM** [WZC+08]. **L7Ae** [BMGPB+08]. **labor** [Les06g]. **Lack** [DMBF+07]. **lacking** [ECR+09, HJB07, MYO+05, SKvdBW+06, WLLF+08]. **lacks** [Tum06c]. **lacritin** [MBR+06, WWX+06]. **lactational** [AS06]. **LAD** [WZC+08]. **LAD-2** [WZC+08]. **Ladd** [Wil08b]. **laevis** [KHH08, LM05, MFH05, OW06, UHM+08]. **laforin** [GDW+07]. **lamella** [KLG+09, NAS08]. **Lamellae** [Tum05-39, NZQ+07]. **Lamellipodia** [LeB08l]. **lamellipodial** [BHK+06, OPT+07, PJMR06]. **lamellipodium** [GAK+05, KOKM07]. **Lamin** [MLV09, MDL+09, Rob08-45, Sed09g, Sed09f, GNPC+08, MLS+07, SSS+08b, ZS08, PHB+07]. **Lamina** [DVF+06, Les05c, Pow05c]. **Lamina-associated** [DVF+06]. **Laminin** [Les08-29, LLM+05, CYY+08, HOM+05, MBL+07, Tum05-29, YBT+05]. **laminin-** [MBL+07]. **laminin-2** [YBT+05]. **laminin-5** [HOM+05]. **Laminins** [NVJ+08, MBL+07]. **laminopathies** [MG08b]. **Lamins**

[LeB08m, Tum06x, Wel06z, AG09]. **lands** [Wil07y]. **landscape** [MG09]. **Langerhans** [Wil07-33, BvRJ+05]. **LANP** [HAT+05b]. **LAP1** [GD05]. **LAP2** [PHB+07]. **LAPTM5** [PGB+06]. **LARG** [HKIY09]. **Large** [DR05, HKP+09, BYMB06, BEN+05, CHA05]. **Large-scale** [DR05, HKP+09, BEN+05]. **largely** [PCV+08]. **larvae** [ZWG+05]. **last** [Tum05-76]. **late** [ASH06, CZP+05, FN06, GMG+07, HSB+07, KOVP09, LTAM+09, MTRJA05, MYMH09, NVC05, RKvdK+09, SPA+05, SXH+06, Wel05-27, Wil07s]. **latent** [BZA+06, GG06, WRMH07]. **Lateral** [MSR09, BMK+06, KR07, MSH+05, Pow06c, SRL05]. **Lattice** [LeB05-47, Pow05r, SWL+05, WKCY+08]. **Lattices** [LGDN09]. **lay** [Sed08c]. **layer** [Kat07b]. **lead** [CGK07, Sho09-31, Tum05-39]. **leaders** [Kat06c]. **leading** [BWW+08, qGyWX+08, GC05, HSB+07, LeB08-36, RMR+09, SGMPV07, THN+06]. **leads** [FAG+07, GHDS+07, LTAM+09, MOCC05, PS08, Pow05m, RSM+08, SGDM06, WCR+08]. **leaks** [Sed08d]. **leaky** [Wel05-30]. **lean** [Les07-37]. **Learn** [Rob08t]. **learning** [HZL+07, LeB05-48, Sho09c]. **leave** [LDVV06, LeB07i, Les08-46]. **Lechler** [LeB07-61]. **legend** [AKD06]. **length** [AHD+09, BH08b, ÇB09, DTY+05b, ELM09, MAOM06, TWL07, TÖL+06b, ZHYE08]. **Lengthening** [Wel05-36, JZN+09]. **lengths** [BLL+06, MSV+05]. **lens** [NFZ+09, Sho09m]. **Leptin** [NBM+08, HGJ+08, Les08-30]. **Less** [Tum05-40, Hat05a, LeB05-50, Wel07g]. **let** [Les07l, Les09b, Les09-37]. **Lethal** [ZWG+05]. **lethality** [JLG+06, WRKC+09, WBL+06]. **letting** [Wel05-36]. **leucine** [NPB+05]. **leucoprotease** [TCW+06]. **leukemia** [BRY+09, DCA+06, QIH+06]. **leukocyte** [DDLC+06, LLC+08, vBAS+07]. **leukocytes** [BZYM+08, Les07-57, LZ08, Rob08r]. **level** [MJG07]. **levels** [CLS+06, FDB+09, LDGO+09, PVM+05, RCM+09, RRR+09, SPS+08, VTRB06, WvNS+07, YTB07]. **LFA** [FHNG05, SCS+05]. **LFA-1** [FHNG05, SCS+05]. **lgl** [GAG+06, BFP+07]. **Liberating** [Les07-38]. **license** [Tum06-55, WGL+06]. **licensing** [LLC+07]. **life** [KHB+05, Les06l, Les08-34, SWM+06, Tak06, Tum05-40]. **lifespan** [LeB07-46]. **ligand** [GHN+09, KGM+09, LNG+05, LeB05-88, LCvD+08, NMO+07, WPC+08]. **ligands** [GSC+07, LNG+05, UDC+07]. **ligase** [CNW+05, GGH+08, GBNS07, KNY07, LJY+07, MOS+09, MKC+05, ORM+08, PGB+06, RRR+09, STvdB+09, TTE+07, WHC+07]. **ligases** [EYB09, MSECB05]. **Light** [COTAE+05, FDB+09, GMSS06, LB08, PKK09]. **Light-regulated** [COTAE+05]. **like** [BFF+06, CTS+06b, DGZ+05, FSnP+06, GKvdB07, HWN+07, IUT+07, MLC+06, MYO+05, MPS+07, MEG+07, MGH+09, MDW05, PCR+07, Pow05y, RMAA08, RLDC09, RKB+07, SRR+08, TLK+06, Tum05-51, Wil09a, WVB07, dGHW08]. **LIM** [CM06, NTY+05, PEW+05, WHB+07, WHM+07, ZTZ+09]. **LIM-only** [WHM+07]. **limb** [MLHS06, PZG+07]. **limbal** [BTD+07]. **limbs** [Wil07-38]. **limit** [WL09a, Wil07-33]. **limited** [BWJ05, PLR+06]. **Limiting**

[Kat07b, Lec08, GHM+09, RM05a, SYKM08]. **limits** [AH08, MJF+07]. **Lin12** [TRS+08]. **Lin12-Notch** [TRS+08]. **LINC** [CLR+06]. **Lindau** [SGB+06]. **Lindenbach** [Wil08f]. **line** [ERS08, Pow09d, WBL+06, Wel05g, YCX+08]. **lineage** [GNE+07, PVMH05]. **lineages** [WPDZ+06]. **linear** [HKP+09, KBC+07b]. **Lining** [Les06q]. **link** [HRK+09, MSECB05, PLR+06, Rob07d, TC08, Wel05-45, Wel06-39]. **linkage** [CRV+06, KYK+06, SHS+09, WAW08]. **linkages** [KKGD05]. **linked** [CTY+06, CC09, FDM+08, KSA+05, KBC+07a, LC09, LGT+07, PL06, PBB+09, SGK+07, WCB+08, LJA09, OLC+07]. **Linker** [MBL+07, FSTI06, GTB+07, WLK+05]. **linkers** [CBMCSS08]. **Linking** [EGR+05, LeB07-29, MBS+08, Tum05-41, Tum05-42, Tum06y, Tum06z, GHX+07, HFF07b, KKW+08, LFH07, NN07a]. **Links** [LeB05-49, AS06, AOP+05, BSM+09, CKKG05, GDW+07, HH06a, KKW+09, KKW+05, LeB05q, LeB05-58, LTDH05, MQL+06, MBF+07, MBF+08, RVBZ+08, SRA+05, SHC07, SMT+08, WSB+09]. **Lipid** [Les09t, Pow06i, Rob07g, Rob08u, SCR+09, Sho09-31, Sho09-32, dGSWW+06, Wel05-37, Wel06-27, BJC+06, BCR+08, BXHD08, BDW+09, DBW+06, EYB09, FKB+05, FSG+08, LJR+05, LeB05-79, Les08-53, Lev07, Nic09a, SRL05, SSLS05, SGK+07, SDD+07, VTRB06, Wel06-44]. **lipid-anchored** [Nic09a]. **Lipid-driven** [Wel05-37]. **lipid-linked** [SGK+07]. **Lipid-regulated** [SCR+09]. **Lipids** [LeB06-37, HSLI09]. **lipin** [Les08g]. **lipoxygenase** [EFM+07]. **liprin** [OMF+05]. **LIS** [Hat05a, LeB05-50]. **LIS-less** [Hat05a, LeB05-50]. **LIS1** [TCKV05, HMG+08]. **Listeria** [BKBM06]. **Lithium** [SFB+05]. **little** [Ras08a, Rob08-41, Tum05-43]. **Liu** [Wil07-31]. **Live** [SWG+05, Wil06h, ALB+09, BMB+07, CHSV07, HSTM06, KG05, LeB05-41, Wil07-57, lWHMH06b]. **lived** [SS08a]. **liver** [GPN+06, Wel06-28]. **living** [BMK+06, CCC+05, CSL+05, DZW+08, HTYNK09, HWPH+08, KCD+06b, KS08, LGH+05, LDPLS05, LJS+09b, MuMI+06, RKT+07, RSSC06, VTRB06, vRCB+07]. **LKB1** [FA08, JLC08, MSK+07]. **LL5** [KKES05]. **lll** [JRZ+07]. **Lloyd** [Sed08k]. **LMP4** [CBK+06]. **loaded** [CS07, Ski05]. **loading** [TTO+08]. **loads** [BMK+06]. **Local** [KO07, LeB05-51, CAR+08, DGP+05, HSK+05, Les08z, LWBL06, WZC+05, Wel05h, WZCB+06]. **Localization** [BLA+09, CK07, KSL+05, ASP06, BFWH07, CBK+06, CKX+08, CSW08, CGJ09, FKML+06, GSC+07, GSdBS09, JGAS08, KZS07, LSDFS08, LZM+06, Les06f, LWHC08, LYY08, LSdWL07, LTK09, LCL+05, MMC08, MDPG07, MHFH06, PYR08, PGO+07, PEW+05, SRBL06, SOR06, Tum06r, VKR+09, WPH+07, XOV+09, YR09, YK07, YPG05, ZPGB+07]. **localize** [WVB07]. **Localized** [LeB05-52, SSD06, Sed07d, YN07, EMMN+05, JASC08, KL05, RRP+08, SGMPV07, SWI06, WvNS+07, FHFB+06]. **localizes** [COC+05, FDM+08, GRGP07, NWB+06]. **localizing** [PWW+09]. **Locally** [XMSYJ07, Ter06, WBG+08, vRSvR+07]. **location** [DDH09]. **lock** [WC07b]. **locks** [Sed09g]. **locomotion** [Bon05a]. **Locus** [MM08, DOS+07, HGJ06, KS08]. **Locus-specific** [MM08]. **loitering**

[Les07-58]. **Long** [MSK05, BF09, LeB09c, LLL+06, Les06x, Les07s, Les07x, Les07-39, Les08w, Les08-30, RCS+09, Rob08-33, Rob08-50, Sho09-33, SCFKB07, Tum05-43, Wil06h]. **long-distance** [Les08-30]. **Long-range** [MSK05]. **long-term** [LLL+06, RCS+09, SCFKB07]. **longer** [Pow06a]. **longest** [LeB08-33]. **Longevity** [MGW+08]. **look** [Sed07e]. **looks** [Pow05y]. **loop** [ANI+07, HMR+07, MOCC05, NWR+08, RYD08, Rob08z, Wil07-49, XKYW07, YWW+08, YMDL09, YWRA07, Les07-69]. **looping** [BLvH+05]. **loops** [LeB06j, WEL+07n]. **Loopy** [LeB05-53]. **loose** [Rob08-33, Wil07p]. **loosen** [Les08-56]. **loosens** [Sho09z]. **lopsided** [Les09k]. **Lose** [Les08x, Les08d, Les08-65]. **Losing** [LeB08n, LeB07z]. **Loss** [DSN+07b, FSTI06, GdTAR07, LFW+09a, LFW+09b, MZH+08, RSM+08, DMBF+07, JLG+06, LeB06-44, Sed09a, Sho09-49, SCFKB07, Wel06u]. **Lost** [Les05d, RG06b, Wel06t, ZS08]. **lot** [DR07, Rob08h]. **Louis** [LeB09c]. **love** [BEH+06, Sed08i, Sho09u]. **low** [MCA+06, MS06, Wel06-58, XJF05]. **low-mobility** [MCA+06]. **loyalties** [Les07-55]. **LPA** [RG06a]. **LPA-stimulated** [RG06a]. **LRP5** [DXC+08]. **LRP5/6** [DXC+08]. **LSm1** [dPMF+09]. **LSm1/CBP80** [dPMF+09]. **LSm1/CBP80-mRNPs** [dPMF+09]. **Lsm4p** [DTP07]. **Lte1** [GSdBS09]. **Lucas** [Sho09-34]. **Lumen** [LeB05-54, Pow07f, SMSPK08]. **lumens** [Lec08]. **Luminal** [GZBM+06]. **lunch** [Wel06-30]. **lures** [LeB05z]. **lush** [Les07x]. **lymphatic** [NIC+09b]. **Lymphocyte** [Wel06-29, GCF+05, HPT+07, HLK+09, WSS+06, dCD+07]. **lymphocytes** [CLK+07, LeB05-80, SCS+05, SWB+07, Wel06k]. **Lyn** [CLK+07, LGH+05, STP08, SFS+07]. **lysine** [BvOM+07, iHBD08, SS07, TMH+07, WHC+07, XGX+09]. **lysis** [EW08, WSS+06]. **Lysophosphatidic** [SB09, BPL+05, PRZ+08]. **Lysosomal** [ASSST06, CSB+06, DNK+05, VCC+08]. **lysosome** [Bon05e, TAK+09]. **Lysosomes** [Wel06-30, LTAM+09, PGB+06, Pow05j, Sho09i, Wel05f]. **lysosomotropic** [DDO+08].

M [WBL+06, ERM+09a, HGJ06, CWC+07, DSBK09, KHBV05]. **MAB** [WZC+08]. **MAB-20** [WZC+08]. **MAB-20/Sema2-mediated** [WZC+08]. **machine** [Wel05-57]. **machinery** [AGL+08, BM07, BJLK+06, BMGPB+08, FKJ+09, FTM+06, GMK+05, GGC05, Kak08, KAD+08, SWT+05, SHK+07, TMH+06, ZRBS07]. **machines** [EW08, Joh09]. **macro** [Kat07d]. **macroapertures** [BDR+06]. **Macroautophagy** [YCK+05, DBC+06]. **macrophage** [DSLY+05, Les08-27, MKH+07, Pow05m, Wil07-34]. **Macrophages** [Wil07-35, DPMB+07, JGL+06, KDD+09, Les07c, OTM+07, OPT+07, PPA+08, vKST+07]. **Mad** [MPG+09]. **MAD1** [MDPG07]. **Mad1p** [SCVW09]. **MAD2** [MDPG07, NRD+06, ORM+08, SWS+08, TST08, Yu06]. **Mad2-dependent** [ORM+08]. **made** [LeB05-45, SWL+05, Wil07-65]. **MAGUK** [CHH+08]. **mainly** [MG08a, NMV+07]. **maintain** [GSHD08, MSK+07, PHB+07, ZAM07a, ZAM07b, ZKG+08]. **Maintaining**

[LR07, NVEF07, PPBF08, THY+06, WL09b]. **maintains** [CAR+08, KS08, LU05, MNF+07, MOM+06, SBC+05, SSS+08a, YK07]. **maintenance** [AOP+05, COTAE+05, CULS+07, DJV+05, FMD+09, HOR08, HWPH+08, KMSLS06, KLW+05, KWA+05, KRG+08, OSM+09, SHC09, SHK+07, SNPCG06, TKSNG07, XNM+09]. **major** [AFN+08, COB+08, CBG+06, CEY+05, HRK+09, KBS+06, LGBD+07, PTF+06, Rob07h]. **Make** [Wel05-38, Bas07a, Bon05d, Bon05e, Hat05a, Les07-72, Les08z, Les08-44, Les08-64, Sho09x, Wel07g]. **maker** [Vau05]. **makes** [LeB06-28, Les07-51, Les07-79, Les09n, Mal06, Sho09p, Wel06n]. **Making** [Kat06h, Les06r, Les07-40, Les08-31, LNL+08, Nyb05f, RMV06, SR07, Tum05-44, Tum06-27, Wel06-32, Wel06-31, Wel06-42, Pow09a]. **Malaria** [Wel06-33, CBG+06, MBR+05, OHH+06, Tum06w]. **male** [EIK+05, GGB+08, PMB+09, SRQL09, YDL+06, YEL+08]. **males** [KPS+07]. **Malhotra** [Sav09b]. **Malignancy** [LeB06-38, CEY+05]. **Mallory** [NTS+05]. **MALS** [OMF+05, OFfL+07]. **MALS-3** [OFfL+07]. **MALS-liprin-** [OMF+05]. **Mammalian** [BWFdL09, HRS+05, IMY+09, KDG+09, BJLK+06, BFP+07, CSMP+09, CLA+05, DBC+06, GT08, HTK+08, HGA+09, HLL+09, JCVB08, KKK+05, KMSLS06, KYK+06, LLC+07, MCSY07, MLP06, NSS+08, OOY+06, PVJJ07, QCGM05, RAS+07, RAS+08b, SBC+06, SSM05, SHC09, TMW+05, WH06, WLPB+09, YOSM06, YSP+06, ZEC+08]. **mammals** [AS09, KKD+07, SPS+08, Wel07a]. **mammary** [AS06, GSY+09, NLC+05, PH07, SKR+07, WMS+06, XSVGR05, XNM+09]. **mammary-specific** [XNM+09]. **Man** [TMAL+06, LeB06-62]. **manager** [Les09q]. **Managing** [Les09u]. **manipulation** [JDK+05]. **manner** [HCK+07, KKM09a, LCL+05, SSD06, ZBKJ07]. **Mannose** [JP06, Tum06-28]. **many** [RH09]. **map** [LeB06-61, Sed09k, DSBK09, LeB06-39, OMGW+06, Pow06j, YRSM+09]. **MAP2** [HFF07b]. **MAPK** [GXJF07, JTN+05, KBY+08, Las09, PCPW08, TKB+06, VDA+08, WWL07]. **MAPK-dependent** [WWL07]. **mapmaker** [Sho09-35]. **Mapping** [LRJY06, NKK+06, Tum05-45, WP08, ELD+08]. **MAPs** [Pow05a]. **Marc** [Wil09m]. **MARCH** [Les07-44]. **MARCH5** [KNY07]. **marches** [Les06a]. **Marian** [Sho09-35]. **Marie** [TT09]. **mark** [Ros07b, dPMF+09]. **marker** [DMC+07, Vau05]. **Marko** [Sed09h]. **Marks** [LeB05-55]. **marrow** [FMM+08, KR07, SDL+05]. **Mars** [TLDB08]. **maskin** [KNP+05, PSS+05]. **mass** [CMN+08, TMBL+08, Wil08g, YAV+05]. **mast** [NYI+05b]. **master** [Sed08j, Vau05, Wil08g]. **Mastocytosis** [ZDD+06]. **Matching** [LeB08o]. **mate** [Sho09l]. **Maternal** [NPB+05, NAG+08, BAR+08, Rob08j]. **math** [Wil08x]. **mating** [HEW07, JMG08, MSW+07, MSW+17, PYR08, PKB+06]. **matrices** [GdTAR07]. **Matrix** [LeB05-56, Les08-32, OSS+07, BRM+07, CEY+05, EFCP07, FZT+07, GS07, HXO+07, LeB05-48, LeB08k, LJN+05, Les07a, LFMO+09, LR07, MFBG+08, OSB+05, Pow05g, RG06a, SAM+07, TCHL05, WKW+08, WRMH07].

Matrix-specific [OSS+07]. **Matt** [Sho09-36]. **matter** [Tum06-44]. **matters** [Nyb05a]. **Maturation** [FOW+09, AOT06, ECR+09, FBO+07, GKCM+08, IBS+05, KOVP09, LeB05-58, LJY+07, MLC+07, NVJ+08, NIC+09b, OYM+09, SCM+07, SHB+07, SHL+09, WNL+09, WBL+06, YHD+09, ZWO+09]. **mature** [Nyb05f, Wil07p, WSFD07]. **maturing** [PGWH08]. **maturity** [LeB07d]. **Maurer** [CBG+06]. **Max** [WZO+05, WZO+05]. **may** [Rob07d, LeB06-52]. **mBet3p** [YSP+06]. **MCAK** [HFF+07a, MRvD+05, WWvD07]. **MCDE** [LCT+09]. **MCL** [BRY+09, GEH+07, LCvD+08]. **MCL-** [BRY+09]. **Mcl-1** [GEH+07, LCvD+08]. **Mcm2** [WGL+06]. **Mcp5** [SON06]. **MD** [lWHMH06b]. **MDC1** [MBJM+09, MBJF+08, MDWH+08, SMT+08, BJLM+05]. **Mdc1/NFBD1** [BJLM+05]. **MDCK** [API+07, MSSF05, PPCZ06, VVMS05]. **MDF** [YWEK08]. **MDF-1** [YWEK08]. **mDia1** [LHL+08, SOR06, ZHI+08]. **mDia2** [BMS+08]. **Mdm2** [LSG+06, XKYW07]. **Mdm30** [EHWL06]. **Mdm31** [DJV+05]. **Mdm32** [DJV+05]. **Mdm38** [FTM+06]. **Mdv1p** [KCAS05]. **mdx** [RKN+07, SVS+07a, SVS+07b]. **me** [HK07, HW09, RVH07]. **meal** [Les08-64]. **mean** [Les07-37]. **means** [LeB09a, Les09p, Rob08-55, Wel05-48]. **measurement** [PJMR06]. **measuring** [Wel06-40]. **Mechanical** [YHJ+05, AFM+05]. **Mechanism** [DTL+07, POCS+06, BLC+09, CC09, CLA+05, DBW+06, EMB+08, HAT+05b, KRP+09, LeB06-39, MWY+09, MPS+07, NN07a, NVJ+08, PhXD+06, RKT+07, SKO+08, SRL+06, SH05, SOR+05, TM05, WZC+05]. **mechanism-based** [RKT+07]. **Mechanisms** [GNV05, MS08, WBP+08, ASB+05b, BW08, CSL+05, DZG+07, FHNG05, HL06, HLS+09, JYZL06, LGBD+07, MPD09, Mat05, PR05, TKKT07, VCSG07, WIL+05, WFJ06, XMSYJ07, YLK+05, YF08]. **mechanistic** [OIFN+07]. **mechano** [FLA+08]. **mechano-** [FLA+08]. **Mechanotransduction** [CMF08, LHS+05]. **mediate** [EVH+07, EVH+08, HKIY09, LTK09, MEG+07, MDET08, OMLP+08, PT07, Rap05, RRP+08, TTO+08]. **mediated** [AS06, CGS05, CMD+08, CWNF+09, CEY+05, DMDO08, DPD+09, DLT+07, DCMB+07, ERM+09b, FVSC08, FHO+05, FKB+05, FBJB+09, FCB+09, FCB+19, GLBS06, HBPL09, HOM+05, HFP+05, HGA+09, IDTT+09, KBK+05, KSK+06, KHW+07, KHW+09, KWY+06, LDVV06, LGZ+05, LPN+08, LWC09, LWHC08, LFW+09a, LFW+09b, LGV08, LRS05, LLC+08, MTRJA05, MHM+05, MYZ+09, MBR+05, MDC+08, MDL+09, NYN+06, OD07, OLC+07, OFY+05, PhXD+06, RHMW+05, RHMS05, RM05b, SON06, SMSPK08, SZL+09, SDN+05b, ShCM+06, SL05, SLK+08, SBV+06, THN+06, TGH+07, TNS07, VBL+05, WLE09, XKYW07, YCR06, YA06, YMD+07, YHC+06, ZL05, tKJCH06, ASB+05b, AM05b, BLS+05, BSL+08, BCC+09, CTS+06a, DTR+05, DBR09, EGR+05, FHS+07b, HLK+09, KHH08, LHL+08, LMC+09, LLC+07, ML05, NWO06b, NYI+05b, NNS+08, OKN06, SFC+08, SRS+09, SRE+05, SDS+05, STMG05, TSN+07,

WZC+08, WKIKG09, WF07, WWS+06]. **mediated** [XMSYJ07, YGY+05, YLM06a, YAV+05, ZTKK05, vRG08]. **mediates** [AVHH09a, AVHH09b, BLC05, CTGVGFF08, CM06, CG06, DDRL+09, DFB+07, DS07, EBMG09, GPJ+06, GGE+09, HHT+07, HXZ+07, HGJ+08, JMB+07, KTA+06, KVS+09, LLH+07, LBG+06, MMW+07, MAG05, NSM05, NFI+09, OHH+06, OLLG05, PDM+08, QIH+06, SNG+05, TDT+08, WZC+05, WLS+09, WS09, WAW08, yYMM05]. **mediating** [FZT+07, VKGV08]. **mediation** [NDS+07]. **mediator** [VBG+08]. **mediators** [LCT+09]. **medicine** [LeB09b]. **meet** [Les09c]. **Meeting** [dSW09, LC08a, Mis09b]. **meetings** [LeB06-87]. **MEF2C** [LGG+05]. **megabytes** [LeB08b]. **Megator** [LFMO+09]. **Megf10** [HLK+07]. **meiocytes** [AJR+09]. **meiosis** [DPP+07, GGB+08, JGY09, KKGD05, LeB05q, MHL+06, MFC+09, YKH+08, YDL+06, YEL+08, YK07]. **meiosis-specific** [YKH+08]. **Meiotic** [DSK+06, Les08f, TSALS05, BGP+06, CBIO05, FNH+05, HH06a, KSL+05, MBdR+08, MAOM06, NVC05, NWR+08, Pow07b, ROKG08, SON06, Sed07f, WH06, yYMM05, YCM+08]. **Meissner** [Sho09c]. **MEK** [SL05]. **MEK1** [TTK+06]. **Melanin** [Les06s]. **melanoblasts** [MOM+06]. **melanocyte** [MOM+06, WM05]. **melanocytes** [FKML+06, LTDH05]. **melanogaster** [AEJ+06, DTY+05b, HBK+06, VCD+06, BMK+07, BBL+08, CBIO05, DL08, GGB+08, Gra07, HCN06, HCB+08, JLC08, JKW+09, KSR+08, LMB+06, MAZ+08, MDH+06, MKSJ06, NSS+08, RGW+07, SS07, SRL05, SB06, SORM05, SRQL09, TRS+08, VLK+08, WFJ06]. **melanogenic** [WRP+06]. **melanoma** [BBG+05, WM05]. **Melanophilin** [WTH05]. **melanosome** [DHT+09, LCGRB09]. **melatonin** [BAdSG05]. **melatonin-dependent** [BAdSG05]. **Melchior** [Sed09b]. **MELK** [NPB+05]. **Mellman** [Wel07h]. **melting** [Wil08x]. **member** [GAG+06, HRS+05, VWM+07]. **members** [BLH+09, DBD+09, GGO+09, RGCWG09, SWD+08]. **Membrane** [ABSK06, BAR+05, CYO+09, EW08, FHMC09, HIK+08, Kat07c, KGL07, Les06t, Les09v, SKO+08, SPT+09, STP08, ZOH+08, AKD06, AWR+07, AVHH09a, AVHH09b, AWM+08, BSA+08, BHY+08, Ban09, BHG+05, BZA+06, BXHD08, BFF+06, BBPM07, BVGA+05, BSH+07, CTS+06a, CWC+08, COB+08, CNMM+06, CSB+06, DLHW09, DDRL+09, DGZ+05, DPMB+07, DJV+05, DDB+05, DMC+07, FG08, FFT+05, FOB+09, FML+06, FSH08, GCF+05, GLBS06, GOM+09, GG09, GT08, GMS+08, GFC+08, GGBV+07, HWSJ08, HRLH08, HLK+09, Har08, HKV+05, Heu05, HHS+09, HZOL05, HSTM06, HPH+05, HCL+07, ITG+08, IGFG+08, IMY+09, JKKM08, JMG08, JWSS05, KDV+09, KKM+08, KMS07, KGDR+07, KKW+07, KL05, LPG+07, LGDN09, LeB07e, LeB07y, LeB07-43, LeB08i, LeB08v, Les08-52, Les09r, LLM+05, LS06, LK05, LZ09, LWBL06, MMCW06, MF08, MT07, MNH05, MSR09, MFM+06, NYI+05b, NFCF08]. **membrane** [NFZ+09, OLLG05, OTH+07, Poo09, Pow07g, Pow07h, PKB+06, Rap05, RIHP06, RM05a, RCFB08, SSHP+07, SMH+09, SHC07, Sed09l, STBL09, SNA+07, SAM+07, ST09, Ska07, SSZR07, SCF+07, SHS+06, SKO+06,

TDG+06, TSS+06, Tum06p, Tum06-41, UPBM06, VCN+05, VBNR06, WHOS06, Wel05-31, Wel06-39, WLK+05, Wil07d, WZCB+06, WBLL06, iYOW+06, YHD+09, ZMGC05, ZMA+07, vKST+07, SPT+21, Sed08j]. **Membrane-anchored** [HIK+08]. **membrane-bound** [SAM+07, SKO+06]. **membrane-integral** [SHS+06]. **membrane-localized** [KL05]. **Membranes** [CZK06, Sho09-37, AKD06, BFB+08, CLA+05, JTH09, LDPLS05, MPS+07, SMWdV09, SCR+09]. **membrin** [HAAHD05]. **Memo** [ZHI+08]. **Memo-RhoA-mDia1** [ZHI+08]. **memories** [Les09g]. **memorize** [Wil07-36]. **memory** [HZL+07, LeB08-30, Pow06f, Tum05-64]. **men** [Sed08k]. **Mena** [HJK+06]. **Mena/VASP** [HJK+06]. **meningitidis** [DDLC+06]. **menu** [Les08y]. **Merkel** [Sho09-38, VMY+09]. **Merlin** [CCL+07, HF06, Les07-41, OLLG05]. **Merlin/** [OLLG05]. **merotely** [CGGT09]. **mesenchymal** [CTP+09, HHY+08, IPG+05, KZH+07, LD07, LDKT06, LJM+07, LVG+09, MMS07, TVP+06, WWC+07, YA06, RLH+09]. **mesenchyme** [PZG+07]. **mesh** [LeB07b]. **Meshorer** [Sed08g]. **mesoangioblasts** [GSB+06a]. **mesoderm** [YKP+08]. **message** [Ros08c, Sho09b]. **messenger** [BJZ+09, BFWH07, BAR+08, FKJ+09, FLA+08, HLL+09, Les09s, Pow07k, Wel07d, YSSH+07]. **messengers** [BAdSG05]. **Met-induced** [PTL+05]. **Metabolic** [CR06, Wel06-34, RMR+09, SL05]. **metabolism** [GDW+07, TEIS09, Wel06m]. **metacaspases** [VDVV07]. **metalloproteinase** [ADC+07, WKW+08]. **metalloproteinases** [LJN+05]. **metaphase** [KPS+07, MVC+07, YCM+08, ZAM07a, ZAM07b]. **metaplasia** [LBH+05]. **metastases** [Wel06-51]. **metastasis** [MPS+07, WMS+06]. **metastatic** [SWM+07]. **metazoan** [SHS+06]. **method** [BGP+06]. **Methyl** [BEN+05]. **Methylate** [Wil07-36]. **Methylation** [FD09, BvOM+07, CMD+08, GTB+07, GSY+09, SHK+07, TMH+07]. **methyltransferase** [HBN+09, JET+07, XGX+09]. **methyltransferases** [GTO+07]. **Meting** [Les07-42]. **Mfn1** [DC07, RLDC09]. **Mfn2** [DC07]. **MgcRacGAP** [KBN+06, OYKY+05]. **Mgm1** [DDRL+09]. **Mgm1p** [SDI+06]. **MHC** [LeB07-30, Les09l, STvdB+09, VLFA+07, WHC+07, Wil07-42]. **Mia40** [SPK+09]. **MICA** [TRC+08]. **MICB** [TRC+08]. **Mice** [SNG+07, Wel05-39, BJM+06, BLL+06, CGK07, CWM+09, CML+06, EVF+08, GHDS+07, HZL+07, JLB+05, KHB+05, KSL+05, KWU+05, KPS+07, LeB06-79, LDR+08, LFW+09a, LFW+09b, MBdR+08, NRJ+09, OFfL+07, PUG+06, PXD+07, RP05, SKvdBW+06, Sed08k, SVS+07a, SVS+07b, WZW+09, WWO+08, WRKC+09, WLLF+08, YMD+07, YAV+05, ZDD+06]. **Michael** [Sed09i, Wel07i]. **microbes** [Les07h]. **Microbots** [Wil07-37]. **Microcephalin** [TMZ+09]. **Microclustered** [Tum06-29]. **Microclusters** [TLK+06, KVS+09, STP08]. **Microdomain** [Wil08q, GC05, SKO+08]. **Microdomains** [PMW05, DBW+06, GMS+08, KDV+09, LZ08, NKK+06, Sco08]. **microenvironments** [CCL+08]. **Microglia** [Les07-43]. **microphthalmia**

[BBG+05]. **microphthalmia-associated** [BBG+05]. **microRNA** [KLS+06, PS08, Wil09b, vRG08, YWW+08]. **MicroRNAs** [Kat07d, FTB+09, KVC+09]. **microscopy** [GBNK08a, GBNK08b, HKV+05, OHK07, Wat09, Wel06-27, Wil06g]. **Microsomes** [Wel05-40]. **microtrabecular** [Pow05r]. **Microtubule** [KKW+08, KLR+07, MDC05, Rob08v, Wil06i, WNB08, BBvD05, BKLT+08, BVS+09, BGP+06, CKG+08, CCSBM+07, CBMCSS08, DvCvH+08, DHR+08, EMPK+07, EGR+05, GHM+08, GHDS+07, GWS09, GMZ+08, JWC+08, JSPT05, JBF+08, KKB+06, KNP+05, KDG+09, KLG+09, LF07, LGZ+05, Les09m, LHL+08, MPD09, MFC+09, MKGL+05, MSB06, MK07, MGBM+09, MSK05, MB07, NYI+05b, OHK07, OOS07, OOS09, PTF+06, PWL+09, PSS+05, PHM+09, RYN05, RBJL06, RMV06, SGB+06, SRE+05, SSZR07, TKKT07, TÖL+06b, Tom08, ToMY+08, VMSV08, Vau05, VCD+06, WEL+07n, Wil07r, Wil07-60, WKCY+08, Wit08, WWvD07, WTH05, YCM+08, YGR+08, ZRBS07, ZCJ+08, ZHYE08, KLG+09]. **microtubule-associated** [OOS07, OOS09, PHM+09]. **microtubule-based** [EMPK+07, GHM+08, SSZR07]. **microtubule-binding** [LHL+08]. **microtubule-bound** [CBMCSS08, JSPT05]. **microtubule-dependent** [BBvD05, GHDS+07, MK07, NYI+05b, TKKT07]. **microtubule-destabilizing** [ZHYE08]. **Microtubules** [Bon05f, BMK+06, BYR08, LeB05-57, Pow05n, Pow05o, Pow05p, TA07, Wel05-41, Wel06-35, ACsHS08, BKHR05, BMS+08, BFWH07, CYC+06, DMDO08, FvD08, GZBM+06, GC05, HH06a, HFM+05, HH06b, LeB05l, LeB05-100, LeB07b, LeB07-36, Les06q, Les08l, MOS+09, MRvD+05, MS07, NLL+06, OF08, Pow05a, Pow06c, Rob08-55, RMV06, RW05, SON06, SBW+07, Sho09j, Sho09z, Sho09a, SMR09, SHH+08, TAM+06, TT09, Tum05-62, Tum06-38, Tum06-47, VSG09, WDWC08, WWS05b, ZHI+08]. **microvillar** [HGR+06, MT07, Pow07g, Pow07h]. **Microvilli** [Sho09-39, CSM+06, DTY+05b, LeB05m]. **microvillus** [MHS+09]. **mid** [MSO09]. **mid-blastula** [MSO09]. **Mid1** [CWRG+08]. **Mid1p** [HYB08]. **Midbody** [DMC+07, CK07]. **middle** [LeB06-43, Les07i, Wil07-50]. **middleman** [Pow05s]. **midgut** [CTGVGFF08]. **midline** [Tum05-73]. **midzone** [KLRS07, MOS+09]. **Miesenböck** [Wel07f]. **Mig** [MQWP08]. **Mig-2** [MQWP08]. **migrate** [ONW+07, WMSB+06]. **Migrating** [LeB06-40, Wel07j, Wil07-38, EBMG09, FKN+07, PGP+07, PJMR06, SCS+05, VMZW+07a, VMZW+07b, VMKW+08, WWS05b, ZHI+08]. **migration** [BRM+07, BMG+07, BBL+08, CCL+08, DWMY09, EPV+05, GdTAR07, GSB+06a, GGMBF08, GMM+08, GPJ+06, GGEd+07, GAK+05, HOM+05, HTKR06, HLA+06, IPG+05, KRZ+08, KBR+08, KSR+08, LeB07-58, LLJ+05, MFA+07, MCF+05, MWMS07, McN09, NPHT08, NBM+08, NTY+05, NYN+06, OKN06, OMGW+06, OV09, PR05, PEER+05, PTL+05, PRK+07, PRK+09, PEW+05, PdBR+07, QCGM05, SRL05, SSD+09, SDN+05b, SWM+07, SWG+05, SLWA07, TTG+09, pTyLZ+09, Tum05-34, Tum05-52,

WC07a, Wel05s, WCN07, WXM+05, XSVGR05, YMCT08, vBAS+07]. **Mih1** [PPK08]. **Mih1/Cdc25** [PPK08]. **Miller** [Sed07b]. **Milton** [LeB06-41, GMSS06, RG06b]. **MIM** [GQSHO05]. **MIM/BEG4** [GQSHO05]. **mimicking** [SCM+07]. **mimicry** [INB06]. **Min** [CGK07]. **Mina** [Sho09-40]. **mind** [CN06, NVEF07]. **Minor** [Rob07h]. **minus** [BGP+06, GNV05, LeB06-42, Tum05-66]. **minute** [Tum05-76]. **miR** [FTB+09, KLS+06, RGA+06]. **miR-206** [KLS+06, RGA+06]. **miR-8** [FTB+09]. **miRNA** [LeB05y, MZH+08]. **miRNAs** [Tum06-30]. **miro** [RG06b]. **Mirror** [LeB07-31]. **Mis12** [KCH+06]. **Mischel** [Wil08s]. **misfires** [Rob07i]. **misfolded** [BXN+06, OLC+07, Sed09c, SN05]. **Misfolding** [Rob07i]. **mislocalization** [CMK06, HJK+06]. **misorientation** [JSFP08]. **misregulated** [EW08]. **missegregation** [JMB+07]. **misses** [Ros07b]. **Missing** [MPS+07]. **Missing-in-metastasis** [MPS+07]. **Misu** [HBN+09]. **MITF** [BBG+05, LeB05-58, LTDH05, WM05]. **Mito** [Wel05-42]. **Mitochondria** [LeB07-32, Les07-44, Rob08w, BMT+07, CGS05, CRV+06, GRGP07, GMSS06, GSH+08, GGC05, HK07, IPM+05, LeB06-41, LeB06-50, LeB06-73, LeB08h, LeB08z, Les07-42, Les08-59, McB08, MNH05, MS06, NTSY08, OHP+09, PKM+05, RSS+09, RG06b, Sco08, THY+06, TEIS09, VW08, WZM07]. **Mitochondrial** [CMK06, GSHD08, GG09, HHS+09, Les08-33, Les09w, PhXD+06, Rob08-35, Sho09-41, SMM+08c, UDC+07, WRKC+09, AFN+08, BWL+08, BKE+07, BbCQ+09, CBZY08, COB+08, CLA+05, DDRL+09, DC07, DJV+05, ERM+09a, EHWL06, FTM+06, GRGP07, GGC05, GKvdB07, HWN+07, HLL+08, HMR+07, KNY07, KCAS05, KGM+07, KRG+08, KHSM07, Les07-39, Les08g, LLH+09, MHM+05, MLH+06, NRL+05, OTH+07, PUG+06, Pow05x, Rap05, Rob08x, RLDC09, SSS+08a, Sed09e, SDI+06, Sho09-33, SPK+09, SCF+07, SGKP+07a, SGKP+07b, SBV+06, THS+09, VBNR06, WPH+07, WvdLH+07]. **mitochondrion** [HCL+07, WAW08]. **mitofusins** [LeB07-48]. **Mitogen** [PTL+05, KZH+07, MBR+06]. **mitogen-dependent** [KZH+07]. **Mitogen-inducible** [PTL+05]. **mitogenic** [DLBSD+05, VSR+08]. **Mitosis** [SIL+07, DP07, DSN+07b, JBFC07, Kat07c, KST+07, KNP+05, KYK+06, LeB06-33, LeB06-60, Les07t, LFMO+09, LKL+05, LRBM09, MHC+09, NNK+08, OLH+08, OYKY+05, PSS+05, SS06b, SWS+08, TST08, VML06, Wel06-52, WBT+08, YGY+05, ZKN+06]. **Mitotic** [CFU+09, Rob08b, Sho09-42, BLMS06, BFWH07, BYR08, BBM+07, CKG+08, CBMCSS08, CDW+05, CN06, CBIO05, DP07, DZW+08, FVSC08, FDM+08, FDV+06, GNV05, HCK+07, HHZ+08, HBN+09, JCVB08, JWC+08, JSFP08, KKW+05, Les07g, Les08h, Les08-36, LRBM09, LZ09, MDC05, MFH05, MFO09, MAOM06, NYM+08, NDS+07, OLKK09, SCD+08, SCMV07, TTYH09, TLDB08, TMZ+09, Tom08, WS09, WOWB08, YKBR09, Yu06, ZCJ+08, ZMH+09]. **mix** [BKMW08]. **Mixed** [Wel06-37, Wel06-36, Sho09h]. **Mixed-up** [Wel06-37]. **Miz1** [GFH+06]. **mK3** [WHC+07]. **MKK4** [SLZ+06]. **MLC2** [SWI06]. **MLC2-based** [SWI06].

Mlp2p [NdCF+05]. **MMP** [TSN+07]. **MMP-mediated** [TSN+07]. **MMPs** [LeB05-59]. **MMR** [KSL+05]. **Mms2** [AZP+05]. **Mnt** [WZO+05]. **Mob1** [MHC+09]. **Mobile** [NFI+09, Tum06-31, DTR+05, LMZ+05]. **mobility** [KCD+06b, MCA+06, SSH+05]. **mobilizes** [BRKR06, Wil07-42, YHJ+05]. **mode** [PVMH05, Tum05-48]. **model** [CMF08, DGP+05, ELM09, KR07, LKC05, MGW+08, MGBM+09, OF08, RGW+07, RAP08, SWS+08, XSVGR05, Yu06, ZKS+08]. **Modeling** [Tum05-80]. **models** [JKCW07]. **modern** [Mis09a]. **modes** [CCS+06, EMD+08, LWG+05, RBC05, TPNS07a, TPNS07b]. **modification** [JYZL06, KKD+07, LM05, Les07-48, WSFD07]. **modifications** [GTB+07, HTYNK09, KKH+06, MRK+07, SLCB05]. **modified** [HHS+09, MBJF+08, Wel05s]. **modifiers** [JNHB08]. **modulate** [AEJ+06, DSK+06, XOV+09]. **modulated** [BGdN+08, SHB+07]. **modulates** [BPL+05, CSMP+09, KZC+08, KLG+09, LHRP05, LBC+07, MCRVC+08, MSLS07, MGR+05, OYTO07, OSB+05, PAM+07, SRN+07]. **modulating** [CZD+09, ELJ+08, HGJ+08, LYY08, LCS+09, NBM+08, PMK+05]. **Modulation** [iWK06, ESG+06c, LOWTL+08, TSN+06, XKYW07]. **modulator** [KHSM07, TPZG06]. **module** [TTG+09, WvdLH+07]. **modules** [oSCW07]. **Moesin** [CKG+08, IKZ+07, HF06]. **mold** [Les07-60]. **Molecular** [BSM+08, FTT+05, JBF+08, JWG+07, Les06u, MPD09, OV09, PV06, TKKT07, VCSG07, VS07, YLK+05, ZKG+08, tDAK+05, ASB+05b, BCJ+07, BKMW08, FSG+07, INB06, JYZL06, Joh09, JTN+05, JASC08, KTN07, Les06-28, MJG07, NN07a, PPA+08, RAS+07, RAS+08b, SWT08, SAD+09, SWM+06, Tak06]. **molecularly** [GMK+05]. **molecule** [BMK+07, DGG+08, DCMB+07, EMD+08, HKIY09, KTN07, SFEK07, SFS+07, UFY+07, ZMA+07]. **molecules** [KGH+05, LeB08b, MBL+07, OFY+05, STvdB+09]. **molting** [Sed08a]. **Mom** [Rob08l]. **monitoring** [RMP06]. **monoallelic** [LBVN09]. **monocarboxylate** [FA08, JLC08]. **monocytes** [TCW+06, vKST+07]. **monocytes/macrophages** [vKST+07]. **monolayer** [CNMM+06]. **Monomer** [CZM+07, BKBM06]. **monomeric** [DSH+07]. **monomers** [KOKM07]. **monomethylation** [SS07]. **Monooriented** [LeB06-43]. **monophosphatase** [SFB+05]. **monopolar** [HCFM08]. **monoubiquitination** [NLG+09]. **Mopping** [Wel06-38]. **morphogen** [CSM+06]. **morphogenesis** [AWE+05, CJW07, CG06, FSN+06, GSiK+09, GTX+06, HLS+09, JKDH08, JBYW06, LSR07, LPF+06, LGT+07, LR05, MCSY07, MAZ+08, NLC+05, SOC+07, TCKV05]. **morphogenetic** [BYK08, CRLP07, ESZK06, dJPAW+09]. **morphogens** [Wil08x]. **morphology** [HLL+08, LeB05-82, SSD06, VBG+08]. **most** [MDH+06]. **mothballs** [Les06u]. **Mother** [Wil07-39, FDV+06, ZKN+06]. **mother-bound** [FDV+06]. **Motherly** [LeB06-44]. **motif** [GFA+09, KBC+07b, MKSJ06, TLM+07]. **motifs** [CML+06, MSECB05, SMH+09, Wel05-59]. **motile** [DvRF+05b, HL06, KHWC08, LeB06-41, PH07, SBW+07, VTT+09b].

Motility [LeB07-34, LeB07-33, AFN+08, BFG+06b, CHCB05, DSH+07, FG08, GRGP07, GC05, HJK+06, IEGV06, JP06, JLM+07, JTH09, KKW+08, KNT+06, KWY+06, KNT+07, LW07a, LDR+08, LLT+08, OPT+07, PSL+06, PLH+08, PKK09, SGMPV07, SJL+07, Smi07, TCKV05, Tum06y, Tum06-28, iWK06, WNF+05b, YWJ+07, YA06]. **motion** [NTHN+08]. **motogenic** [THN+06]. **motoneurons** [JBL+07]. **Motor** [LeB08p, MTB+09, PWL+09, AFN+08, BCJ+07, CGJ09, DGP+05, GHM+08, GNV05, IEGV06, KHWC08, LeB07-64, Les07v, LSC+06a, NEF+06, PGO+07, Pow06j, THS+09, TMI07, TS06, VMSV08, VLFA+07, WvdLH+07, ZHYE08]. **Motor-dependent** [PWL+09]. **Motoring** [Pow07g, Pow07h, Wel07k, Les09-28]. **Motors** [LeB05-60, Rob08y, ALB+09, BKMW08, JRZ+07, POCS+06, Sch08, Sho09-47, SS09, Tum06j]. **Mouse** [MHL+06, YDL+06, YEL+08, BvRJ+05, DC07, DGP+05, DUR+05, FNH+05, GER+07, JSFP08, KBS+06, KR07, LS09, LCT+09, LG07, LG08, MVC+07, NTS+05, NFZ+09, PMB+09, PRB+09, RMP06, SXH+06, TPZG06, WSG06, YBT+09]. **mouth** [LWL08a, LWL08b]. **move** [LeB05c, LeB07-32, Les07-46, Tum06-37, Wil08q]. **movement** [FIK+05, FIK+20, HSLI09, JWC+08, LPA+07, LeB05a, LSM+05, RIHP06, Rob08-55, SSHW09, SON06, SS09, TSP08, WNF+05b, WWvD07]. **movements** [KHH08, LSC+05, Sho09-45]. **moves** [Dal09, Rob08-53, ZRBS07]. **Moving** [Tum05-46, Wel06-39, LeB07-55, Rob08-40, Sch08, Tum05-48, VW08, Wel05z]. **MP1** [TTK+06]. **MP1-MEK1** [TTK+06]. **Mph1p** [BSO+08]. **MPS1** [MDPG07, TST08]. **Mps2** [JMG+06]. **Mps3** [BMSJ07, JMG+06]. **MRE11** [SMT+08, DG05]. **mRNA** [CVACF07, DSH+07, DCMB+07, FBD+05b, GNE+07, HOZ+09, LeB05-68, LeB05-92, Les07-48, Les07-51, LFH07, LGBD+07, MBF+07, MBF+08, MKSJ06, Rob08j, RSSC06, SRBL06, SNC+06, Sed07d, SBJ+07, SCF+07, SLR+06, TW07, YOSM06, ZEC+08]. **mRNAs** [CTS+05, HAT+05b, KHBV05, LeB06u, LeB06-45, LeB07s, NAG+08, PMB+09, WGKA+08, Wil07-40, WvNS+07]. **mRNP** [DP06, KSA+05, NAG+08, Sho09-43]. **mRNPs** [HCC+07, dPMF+09]. **Mrt4** [LLW+09]. **Msb2** [VDA+08]. **Msk** [XYC+07]. **MSK1** [OMLP+08]. **Msps** [BKHR05]. **MT** [LeB05r]. **MTOC** [MCRVC+08]. **mTOR** [GPN+06, LD07, LeB08q, RVBZ+08, RMR+09, WWX+06]. **MTs** [Pow06k]. **mucin** [VDA+08]. **MUG** [Sho09-44]. **MukBs** [Rob08z]. **multiadaptor** [RFBB07]. **multicellular** [VP05]. **Multifunctional** [Wil07-41]. **multiinnervated** [NBS+08]. **multinucleated** [GHP06]. **Multiparametric** [WKIKG09]. **Multiple** [DPL+08, SKE+05, Wil08r, EMD+08, FHMC09, OTH+07, RKN+07, ST09, SGKM08, SCK+07, TDP+06, TCKV05, UDC+07, VTRB06, WC07b, WPDZ+06, YSB+07]. **multiply** [Les07-27, MH07]. **multipotent** [MLHS06, NPB+05, TMW+05]. **multiprotein** [DLH+09, KCOS06]. **multispanning** [KMS07]. **multistep** [TM05]. **multivesicular** [FSR+07, LJA09]. **Munc18** [CCS+06, DXC+09]. **Munc18-1** [DXC+09]. **munching** [Wil06i]. **muramyl** [BAR+05]. **MURC** [BLH+09].

MURC/ [BLH+09]. **MuRF1** [CBG+09]. **MuRF1-dependent** [CBG+09]. **murine** [CAL+07, DPL+08, NPBP07]. **MUS81** [FPP+08]. **MUS81-dependent** [FPP+08]. **Musashi1** [KII+08]. **Muscle** [DGP+05, KLS+06, LeB05-61, Les07-45, Les09x, RMR+09, WBK+06, AWE+05, BLL+06, BYK08, CBG+09, CMN+08, DLT+07, DFB+07, FBY+06, FKS+06, GSB+06a, GEN+06, GNE+07, GPC+06, HLA+06, JP06, LPWP+07, Las09, LeB05w, LeB05-34, Les07-40, LRS05, MNF+07, MSV+05, MQL+06, MLHS06, NPMZ06, NSM05, NVEF07, NRJ+09, OYTO07, RGW+07, RMZ+06, RYD08, RKN+07, Rob07i, Rob07j, RMP06, SDL+05, SYA+08, Sho08, Tum05-61, Tum06c, WCB+08, Wil09i, ZMW+08]. **Muscle-specific** [KLS+06]. **Muscular** [Wel06-40, JBL+07, MBL+07, MDL+09, RGW+07, SVS+07a, SVS+07b]. **Musculin** [HMM+05]. **Musculin/** [HMM+05]. **muskelin** [VBG+08]. **must** [Wel06-53]. **mutant** [BDS+08, CMK06, HMS+08, JMM+06, SFY+05, SBJ+07, TT09, WDWC08, WZM+08, WRKC+09]. **Mutants** [CZP+05, ECR+09, LeB05-53, LeB06e, ZS08]. **Mutation** [Rob08-31, KHB+05, LSC+06a, MGW+08, ZDD+06]. **Mutational** [STG05]. **Mutations** [LDR+08, CGK07, DC07, GLX+09a, GLX+09b, MWY+09, MAH+05, MXR+05]. **Muthuswamy** [Sed09k]. **MVB** [SOW+09]. **Myb** [MHM+07]. **Myc** [GFH+06, HPT+07, YMDL09, NTB+06, YZO+07, BDS+08, NCB+08, NCB+09, WZO+05]. **MYC-dependent** [YZO+07]. **MyD88** [KR07]. **MyD88-deficient** [KR07]. **Myelin** [BW06, GHX+07, LGZ+05, TDG+06, Tum05-36, VCSG07, WTE+08, YBK+06]. **myelin-associated** [VCSG07]. **myelinated** [DG08, MMT+05]. **myelinating** [LHRP05]. **Myelination** [Cha07, CWNF+09, GKCM+08, MEG+07, NZQ+07, PBAF+08, Sal08, YBT+05]. **myeloid** [NBB+09]. **myelomonocytic** [SDL+05]. **Myo1c** [NEF+06]. **Myo2** [AFN+08]. **Myo4p** [DSH+07]. **Myo6** [Tum05-81]. **myoblast** [DFB+07, JP06, PBD+06, Tum06-33]. **Myoblasts** [PPA+08, SMW+07]. **myocardial** [CULS+07, PRB+09]. **myocardin** [MMS07]. **myocardin-related** [MMS07]. **Myocyte** [PRB+09]. **myocytes** [SHX+07]. **MyoD** [GEN+06, GNE+07, IPAR05, RGA+06]. **MyoD-positive** [GEN+06]. **Myofiber** [KFR+08]. **myofibril** [ERS08]. **Myofibroblast** [WRMH07]. **myogenesis** [BWL+08, KCS+06, TKB+06]. **myogenic** [FKS+06, GLS+09, HLK+07, IPAR05, KBY+08, OYTO07, YTY+07]. **MyoJ** [JTH09]. **myopathy** [CMN+08, RMR+09]. **MyoR** [HMM+05]. **Myosin** [API+07, FMK+09, LeB05-62, LeB07-36, LeB08s, LeB08r, LSR07, MCSY07, NEF+06, PCN+05, Pow05q, Rob07j, Rob08b, Sho09-45, WTE+08, Wil07-42, AFN+08, Bon05g, CMF+09, CCL+05, DSH+07, FvD08, GCS+07, HLP06, JLM+07, JTH09, KCOS06, LLH+07, LeB06-46, LeB07k, LeB07-35, LSM+05, LB08, MBS+08, OWM05, SRA+05, SS09, TPNS07a, TPNS07b, Tum05-77, VSG09, VW08, VLFA+07, VMKW+08, WVB07, WTH05, YWJ+07, YMC05, LeB06-47, MT07, WOWB08, IGFG+08, PRK+07, PRK+09, SBMP05, TMI07, TD08]. **Myosin-10** [WOWB08]. **Myosin-1a** [MT07]. **Myosin-driven** [FMK+09, LSM+05]. **Myosins** [Les07-46, Les09y, VMZW+07a, VMZW+07b].

myotendinous [WCB+08]. **myotonic** [SBJ+07]. **myotube** [AWE+05, MOCC05]. **Myristoylation** [LeB05-63, CLA+05]. **mystery** [Pow05m]. **Myt1** [NYM+08].

N [CLA+05, GOM+09, HTKR06, LR05, Cha07, CHO+09b, CWM+09, HWN+07, KVS+09, MMM+05, MBJF+08, OYM+09, SFC+08, TdVM+07]. **N-cadherin** [LR05, SFC+08]. **N-ethylmaleimide** [MMM+05]. **N-glycan** [CHO+09b]. **N-glycans** [GOM+09]. **N-myristoylation** [CLA+05]. **N-syndecan** [HTKR06]. **N-terminal** [CWM+09, HWN+07, KVS+09, TdVM+07]. **N16** [ASK+09]. **Na/K** [CWC+08]. **NAADP** [BCC+09]. **NAADP-mediated** [BCC+09]. **NAD** [Tum05-47, WZC+05]. **NAD-dependent** [WZC+05]. **NADH** [CLA+05]. **NADH-cytochrome** [CLA+05]. **NADPH** [CKX+08]. **Naegleria** [KKY+05]. **Nalp3** [LMV+09]. **name** [Wel05-41]. **NANOG** [ZNP+09]. **nanoplatforms** [BZYM+08]. **Nanotubes** [BW08, LeB08t]. **Nap1** [NPHT08]. **narcissism** [LeB06-59]. **nascent** [CSB+06, HZOL05, KMS07, MLC+07, PNB07, iYOW+06]. **natriuretic** [RKB+07]. **natural** [TLK+06]. **naturally** [LPWP+07]. **Nbk** [GEH+07, MDET08]. **Nbk/Bik** [GEH+07]. **Nbk/Bik-induced** [GEH+07]. **NBR1** [MYMH09]. **NBS1** [DCA+06, MBJF+08, SMT+08]. **NCAM** [BLS+05, BSL+08, FCB+09, FCB+19, SSLS05, SLNS06]. **NCAM-mediated** [BLS+05]. **Nce102** [FMA+09]. **NCS** [LeB06-49]. **NCS-1** [LeB06-49]. **NDC1** [SHS+06, OSM+09]. **Ndc10** [MHFH06]. **Ndc1p** [MMCW06]. **Ndc80** [WKCY+08]. **NDEL1** [ToMY+08, HMG+08]. **Nebulin** [BLL+06, MSV+05]. **Nebulin-deficient** [BLL+06]. **Necdin** [DFB+07]. **necessary** [AOT06, DLHW09, HRB+06, LBI+08, LLL+06, Les09e, NPV+07, PMB+09, PB05, Sho09p, Wil08c]. **neck** [ZKN+06]. **necks** [Wel05-60]. **Necl** [FIK+20, FIK+05]. **Necl-5** [FIK+20, FIK+05]. **Necls** [PT07]. **necrosis** [HZL+07, PRB+09, UFY+07]. **necrotic** [ASSST06, SFP+05]. **Nectin** [MEG+07, Bea06, FIK+05, TMH+06, FIK+20]. **nectin-3** [FIK+05, FIK+20]. **Nectin-like** [MEG+07]. **NEDD1** [HRB+06, ZCJ+08]. **NEDD1-** [ZCJ+08]. **NEDD1-dependent** [HRB+06]. **Nedd4** [PGB+06]. **Need** [LeB05-64, LeB06-47, LeB07k, Rob08l]. **needed** [DP07]. **Needs** [Rob08d]. **NEEP21** [YWK+08]. **negative** [ANI+07, BLT09b, KBW+06, LK05, MLC+06, PBAF+08, SSH+05, SL05, WKH+06, YTY+07]. **negatively** [EHHK09, KLV+08, LHZ+08, NLS+05, SLMK08, YOSM06]. **negotiations** [Sho09-37]. **neighborhood** [LC08a]. **Neighbors** [Tum06-32, Rob08t]. **Neisseria** [DDLC+06]. **Nemo** [MPG+09, NEF+06]. **NEMO/IKK** [NEF+06]. **NEMO/IKK-** [NEF+06]. **neocortex** [ABY+08, DCAC05]. **nephrocystins** [JNHB08]. **nero** [PCMSB09]. **Nerve** [LeB05-65, ANI+07, HLJ+07, WHB+07]. **nerves** [EFCP07]. **Nervous** [LeB07-37, Les07-47, BTP+07, CWNF+09, GKCM+08, PBB+09, Wel07f, YBK+06, ZTM+08]. **Nesprin** [WLK+05, LeB05-66]. **Nesprin-3** [WLK+05]. **nets** [Les09-36, Les07h]. **network**

[BHK+06, CSTT+06, JBYW06, KES+09, KFR+08, LSD+06, LRBM09, MTH+06, NRL+05, OSM+09, RYN05, STBL09, SS09, SHB+07, ShCM+06, WHOS06, Wel05-38, WAW08, YWJ+07, ZHI+08, vBDF+09]. **networks** [LC09, SKM+08, Sho09k]. **Neural** [KII+08, KLW+05, WPDZ+06, DBvdW+06, DMC+07, HMG+08, HTKR06, JAV+07, KMK+05b, NCB+08, NCB+09, NPB+05, PVMH05, QWD+08, SRXvdK06, TMW+05, TCKV05, WMSB+06]. **Neuregulin1** [HCRT08]. **Neuregulin1-ErbB** [HCRT08]. **neurite** [BFL+05, BLS+05, BSL+08, CFBM05, HSB+07, LH05, LeB05-30, MLC+06, PTL+05, RFBB07, SSLS05, VVL+08, VCSG07]. **neurites** [LeB05-62, LeB06-36]. **neuritogenesis** [ANI+07]. **neuroblast** [CSW08]. **neuroblasts** [OV09]. **neurodegeneration** [CYY+08, DNK+05]. **neurodegenerative** [FSR+07, IPC09, Les07-45, WLE09]. **neuroectoderm** [HT08]. **Neurofascin** [HXO+07, ZTM+08]. **neurofascin'd** [Les07a]. **neurofibromin** [LLHH07]. **neurofibromin-PKA-Ena** [LLHH07]. **neurofibromin-PKA-Ena/VASP** [LLHH07]. **neurofilaments** [HFM+05]. **neurokinin** [PWM+06a]. **neurological** [WZM+08]. **neuromuscular** [ABY+08, LJY+07, LCL+05, MDL+09, MPG+09, NVJ+08, PFD06, YJJ+09]. **Neuron** [TDG+06, HLM+08, LSC+06a, Pow09b, Rob07i, Wil07-43]. **neuron-specific** [HLM+08]. **Neuronal** [Dal09, LeB06-48, MTL+06, BFL+05, BWJ05, CGS05, DXC+09, FTT+05, GDW+07, GMM+08, HOR08, HHFC06, HlQY+06, LeB05t, LeB05-82, LeB08-28, Les06b, MLC+06, ML05, MSH+05, NJS+06, RAP08, SSLS05, SFY+05, Ste08, TSK+06, UFY+07, VVL+08, VWM+07, WvNS+07, WNB08, YGW06, ZTM+08]. **Neurons** [LeB05-67, LeB06-49, Les08-34, BbCQ+09, DNG+06, DGP+05, DTL+07, EMPK+07, ESG+06c, FM05, HWSJ08, Hat05a, HZR05, Kat06i, KKRP05, LeB05-50, LeB05-104, LeB06n, Les06-27, NJS+06, PGO+07, Wil07l, Wil07-38, WSFD07, XLH+07]. **neuropil** [WZM+08]. **neuroprotective** [YBK+06]. **neuroprotects** [Wil09k]. **neurotoxicity** [SLK+08]. **neurotoxin** [BFL+05, DTL+07]. **neurotransmission** [MAG05]. **Neurotransmitter** [OMF+05, AACS+06, BSMT05, MSLS07, SYM+08a]. **neurotrophic** [VVL+08]. **Neurotrophin** [JYZL06, HSB+07, SBM+07]. **neutrophil** [FAG+07, KNT+06, LPA+07, VWK+06, WLS+09, WVB07]. **neutrophil-like** [WVB07]. **Newly** [MCD+07, DMDO08, MG08a, MBF+07, MBF+08]. **Newt** [LeB06-51]. **nexin** [HRK+09]. **next** [Pow09c]. **NF** [BWL+08, CWC+07, KBW+06, LDVV06, LHM+09, OLLG05, OSB+05, PGP+07, RRA+09, SLZ+06, STL+07, TCW+06, Tum05t, ZTKK05]. **NF-** [BWL+08, GBNS07, KBW+06, LDVV06, LHM+09, OSB+05, PGP+07, RRA+09, SLZ+06, STL+07, TCW+06, Tum05t, ZTKK05]. **NF-2** [OLLG05]. **Nf2** [CCL+07]. **Nf2/Merlin** [CCL+07]. **NFAT** [WWX+06]. **NFATc1** [NIC+09b]. **NFBD1** [BJLM+05]. **NG2** [MWMS07, pTyLZ+09]. **NgCAM** [AMS+05, YWK+08]. **NGF** [XJF05]. **NH** [BWJ05, BHG+05, IPAR05, KNKH06, MM05, VBSM06]. **NHE1** [FKN+07, SSD+09]. **NHEJ** [HS09b, KKK+05]. **NHERF** [MSSF05].

NHERF-2 [MSSF05]. **NHK** [CBIO05, LCO07]. **NHK-1** [CBIO05, LCO07]. **nicastrin** [SRD+07]. **niche** [DL08, HKN09, WLC08, Wel05r]. **Nicotinic** [KBC+08, HCRT08]. **Niemann** [CC09]. **NIH** [OIT08, Ros05]. **NIH-funded** [Ros05]. **NIH-src** [OIT08]. **nitric** [FHFB+06, NBS+08, PBD+06]. **NK** [KCOS06]. **NMD** [DCMB+07, DCMB+07]. **NMDA** [KZT+08, KZT+09, Ste08, TSN+07]. **Nmnat** [CWM+09]. **Nmnat1** [ASK+09]. **nNOS** [CVD+05]. **No** [LeB05-70, Les07-49, Les09z, Rob08-28, Rob08-29, Rob08-30, Wel05-44, LeB07-62, Les08-46, Wel05-39, Wel05-48, Wil06l, Wil07-54, Tum06-33, Wel05-45]. **NOD2** [BAR+05]. **Nodal** [DLL+08]. **node** [CTS+06c, HRK+09, Les07-71]. **Nodes** [DZG+07, HYB08, WSK+06, YOHR07, ZTM+08]. **nodulin** [VCN+05]. **NOMA** [RFBB07]. **Nomenclature** [KCE+06, KBI+08, PFG+05, SBC+06]. **Non** [IPC09]. **Non-cell** [IPC09]. **Nonadhesion** [LeB05-71]. **Nonadhesion-based** [LeB05-71]. **noncanonical** [SMH07]. **noncentrosomal** [RMV06]. **nonclassical** [GDF+05]. **noncoding** [BF09, FFS06]. **nondisjunction** [MTRD+06]. **nonhomologous** [DG05, WC07b]. **nonidentical** [HR05]. **noninvasive** [PH07]. **nonmechanical** [KO06]. **nonmuscle** [Bon05b]. **nonnatural** [SHjC+07]. **nonproliferative** [PMS+07]. **nonquiescent** [ABA+06]. **nonribosomal** [PT09]. **nonsense** [DCMB+07]. **nonsense-mediated** [DCMB+07]. **nonspecific** [TTNA+06]. **Nonubiquitous** [Tum05-49]. **Nonvesicular** [RIHP06, GDR+05]. **Nop17** [ZKG+08]. **norm** [Sed07d]. **normal** [FSN+06, HYB08, LYTL07, PL06]. **Notch** [BYK08, CGLC+08, LeB07-39, MOM+06, NPV+07, CLS+06, GSC+07, Gra07, HBK+06, LNG+05, LeB05-72, LeB07o, MG08b, NFC+08, SLV+07, SSAD08, TRS+08, TRB09, VLK+08, WMM+09, WPWF08, WNL+09]. **Notch-independent** [WMM+09]. **Notch1** [CZSG08, NMO+07]. **notochord** [RHMW+05]. **Novel** [FA08, FAG+07, MSM+07, NJS+06, VBG+08, AS09, BPL+05, BW08, BFP+07, BBFN07, CTS+06b, CCP+08, DBvdW+06, DDB+05, FFW+07, GCSG+05, GTHK05, GFA+09, GHN+09, GGE+09, GD05, GSL+07, GSV07, HFP+05, HRS+05, IFF+05, KTA+06, LGZ+05, LCvD+08, LRCH+05, MCF+05, ML05, MF08, MSC+07, NS07, OOS07, OOS09, OBY+06, OTH+07, PSL+06, PMK+07, QIH+06, RP07, RKB+07, SSHP+07, STG05, SOR+05, SPK+09, STL+07, SRQL09, TWC+07, TSS+06, Tum05-50, WLK+05, XKYW07, YSSH+07, yYMM05, YCK+05, ZTZ+09]. **novo** [DLHW09, KKY+05, KMSLS06, LEH+05, ULN+07]. **Noxa** [NMV+07]. **NPC** [DTR+05, Les07-28, Rob07k]. **NPC-mediated** [DTR+05]. **Npr2** [SSJ+07]. **Nsa1** [KRPH08]. **NSF-independent** [JWSS05]. **NSun2** [HBN+09]. **Nuclear** [CSSvM08, EVF+08, qGyWX+08, HdL06, KGH+05, LN07, Les09-27, MSW+07, MSB06, NN07b, SNPCG06, TW07, Wel06-41, YM06, AH08, AVHH09a, AVHH09b, BAR+05, BZA+06, BF09, BGdN+08, BMSJ07, CSM+06, CYO+09, CCL+05, CGJ09, CTS+05, DGG+08, DLHW09, DCA+06, DDB+05, DZW+08, FHO+05, FKJ+09, FSS+09, FBY+06, GTB+07, GHP06, GGE+09, GNPC+08, GCS+07, GFC+08, HMG+08,

HFvdV+05, HIK+08, HAN+09, HG07, HOZ+09, JMM+06, JMG+06, KBN+06, KP08, KFK+05, KS08, LHS+05, LC08a, LeB06r, LeB08-34, LWC09, Les05c, Les05f, Les06n, Les07-72, Les09j, Les09-29, LFH07, LRS05, LPM+07, LCM+08, MMCW06, MSL+09, MDET08, MGR+05, MSM+06, MK07, NdCF+05, OW06, OSM+09, PNB07, Ped08, PV06, QIH+06, Rex09, RM05b, Rob08u, Rob08-30, RW08c, RMKS08, SRX+07, SON06, SSHP+07, SHC07, SCVW09, SSS+08b, SHS+06, TTYH09, TFC+06b, TTNA+06]. **nuclear** [Tum05-68, Tum06-39, Tum06-46, UPBM06, Wel06-45, WBG+08, WLK+05, Wil07-32, XYC+07, YR09, ZRH+09, LeB06-52, MSW+17, Wil08t]. **nucleate** [LBI+08]. **nucleation** [BMS+08, MTH+06, VCD+06]. **Nucleator** [Wil07-44, LeB07-38]. **nucleators** [QHB+07]. **nuclei** [FML+06, LeB05-55, PL06, Wel05z]. **nucleic** [BW08]. **nucleo** [RH09]. **nucleo-cytoskeletal** [RH09]. **nucleocytoplasmic** [FFS06, LSD+06, VBG+08]. **nucleoid** [HMR+07]. **nucleoids** [DJV+05, GSHD08]. **Nucleolar** [YWM+08, HBN+09, PT09, VBL+05, Wel05-46]. **nucleolus** [MKC+05, Mis05, Rob07f, Rob08l, Tum05-79, Tum05-30, VBL+05]. **Nucleophosmin** [BDS+08, Rob08-31, Di 08, YWM+08]. **Nucleoplasmic** [MCA+06, PHB+07]. **nucleoporin** [DTR+05, FSS+09, SHS+06]. **nucleoporins** [FSS+09, MMCW06, MSL+09, TW07]. **nucleosomes** [HW09]. **nucleostemin** [TM05]. **Nucleotide** [MBJM+09, GSdBS09, LLT+08, MXR+05, OD07, STG05]. **nucleotide-binding** [MXR+05, STG05]. **Nucleotides** [Wil06j]. **Nucleus** [Rob07l, CF07, CLR+06, DCEM09, FFS06, HG07, KTI+05, LCO07, LeB06-80, LeB07n, Les07-63, MAG+08, Sho09-43, SHDT05, Tum05a, Wil06p, LeB06-52]. **NudE** [SCMV07]. **NudEL** [SCMV07]. **Nuf** [CAR+08]. **null** [NRJ+09, DDO+08, SWB+07, YMD+07]. **NuMA** [SHC09]. **Numb** [CLS+06]. **number** [SPS+08, TKK+05]. **numbers** [LeB05-94]. **Numblike** [CLS+06]. **Nunnari** [Sed09e]. **Nup153** [SRX+07]. **Nup157p** [MSL+09]. **Nup170** [FSS+09]. **Nup170p** [MSL+09]. **Nup214** [SRX+07]. **Nup2p** [DTR+05]. **nutrient** [RVBZ+08, WOP+06]. **NXF1** [SRBL06].

O [Tum06-52, JASC08]. **O-glycosylation** [JASC08]. **observed** [MBF+07, MBF+08]. **occur** [NMO+07]. **occurring** [LPWP+07]. **occurs** [BGdN+08, FSN+06, GLH+05, KCMB08, MSW+07, MSW+17, SRL+06]. **Oct** [MLV09, Sed09g]. **Oct-1** [MLV09, Sed09g]. **Oct4** [SAD+09]. **oculomotor** [SBC+07]. **ODA16** [AGL+08]. **odd** [LeB08n]. **oenocytes** [Wel05-47]. **off** [LeB07-43, LeB08y, Les07-67, Nyb05n, Sal08, Sho09-39, Wil06b]. **offense** [Pow07a]. **offloading** [LKC05]. **OL** [NPHT08]. **old** [Les07c, Mel06, Pow09a, Wel05-43]. **olfactory** [AMERT+07]. **oligodendrocyte** [GKCM+08, SLCB05]. **oligodendrocytes** [LGZ+05, LHRP05]. **oligodendroglial** [WGKA+08]. **oligomeric** [SSP+07]. **oligosaccharide** [KBC+07a, SGK+07]. **oligosaccharyltransferase** [KBC+07a]. **Oliver** [Wil07-45]. **OMA1** [ERM+09a, HGA+09]. **Oncogene**

[MWY+09]. **oncogenesis** [Di 08]. **oncogenic** [BHJ+05, Rob08-54]. **oncoprotein** [EIK+05]. **One** [DWMY09, LeB05-73, Tum05-51, Tum06-34, Wel05-48, ALB+09, Les05e, Les07w, LNL+08, Rob08-36, Rob08-55, Tum06w]. **One-dimensional** [DWMY09]. **one-way** [Rob08-36, Rob08-55]. **oneness** [Les07-30]. **only** [MDET08, GGO+09, MGH+09, NMV+07, WHM+07]. **onset** [CRLP07, KR07, YKH+08]. **onto** [Pow05v, SPK+09]. **oocyte** [LCO07, SORM05, yYMM05]. **oocytes** [DUR+05, DPP+07, FNH+05, MVC+07, WH06, ZHYE08]. **oogenesis** [BAR+08, Gra07, HCB+08, KR06, LC07]. **OPA1** [ERM+09a, HGA+09, SCF+07, GKvdB07]. **Opa1-dependent** [RLDC09]. **open** [ABvBHH06, LeB07-47, NRD+06, Wil06k]. **open-to-closed** [ABvBHH06]. **opened** [PFGSV06]. **opening** [RM05a]. **opens** [LWL08a, LWL08b, Wil09o]. **operated** [LWBL06, RDY+05]. **Opposing** [Sho09-47, ELJ+08, FSnP+06, SYM+08b]. **Opposite** [ALB+09, KGKV07, OF08]. **Opposite-polarity** [ALB+09]. **Opposites** [Tum06-35]. **optic** [HLJ+07]. **optical** [Wel05-49]. **Optimization** [SKO+06]. **optimize** [AS09]. **Optineurin** [SRA+05]. **Orb2p** [LB08]. **orchestrate** [WPWF08]. **orchestrating** [BFG+06b]. **Orchestration** [CCS+08]. **orchestrator** [Wil07a]. **order** [GLBS06, LeB06c, LeB06-64, MMC08, RCKD06, Wel06y]. **Ordered** [Tum06-36]. **orders** [Tum05-56]. **organ** [KKM09b, LeB07-59, WWC+07]. **Organelle** [STBL09, LU05, Les05i, MHS+09, SKM+08, SRQL09, WAW08]. **Organelles** [Rob08-32, LeB05-105, LNL+08, SM09, SSZR07, Wel05-64, Wil07-39]. **organism** [IH05]. **organisms** [KBC+07a]. **Organization** [MRK+07, SHX+07, AKD06, AG09, AM05b, BRH05, BJLK+06, BFB+08, CHSV07, CKG+08, CM09, DHR+08, FDM+08, GLX+09a, GLX+09b, GHDS+07, GTB+07, HMR+07, HK05, IMY+09, KLR+07, LPG+07, LeB05r, LF07, LC09, LZ09, LYTL07, MFC06, NWR+08, NFZ+09, RYN05, RKH+09, SRA+05, SLP+06, TSK+06, ToMY+08, YCM+08, LeB06-52]. **organizer** [HOH+07]. **organizing** [BVGA+05]. **organs** [HMS+08]. **orient** [BJKF05]. **Orientation** [WKCY+08, BWW+08, BBL+08, CFU+09, Com07, JKDH08, VMSV08]. **oriented** [Bon05j]. **Orienting** [LeB05-74, SGB+06]. **origin** [GHK+09, HZR05, KMSLS06, Wel05-46]. **Original** [RP08, Hil08]. **Origins** [Les08-36, CCS+08, LeB08f, WGL+06]. **ORP1L** [JRZ+07, RKvdK+09]. **orthologue** [BBF+07, DTY+05b, JSC08]. **oscillations** [KBW+06, MuMI+06]. **oskar** [MKSJ06]. **OSM** [IEGV06, POCS+06]. **OSM-3** [IEGV06, POCS+06]. **osmotic** [FTB+09]. **osmotransducing** [FLA+08]. **Osteoblast** [LSG+06, GXJF07, LHZ+08, MAH+05, SSH+05, WKH+06]. **osteoblast-dependent** [WKH+06]. **osteoblastogenesis** [WKH+06]. **osteoblasts** [PRZ+08]. **osteocalcin** [HGJ+08]. **osteoclast** [MMU+09]. **osteoclastic** [ZKR+07]. **osteoclastogenesis** [RRA+09, WKH+06].

osteoclasts [GHDS+07]. **osteogenesis** [LVG+09, PRZ+08]. **osteoporosis** [LeB07c]. **other** [JMM+06, LNG+05, PR05, Sed09b]. **outcomes** [GHY+05]. **Outdoor** [Wel06-42]. **outer** [AGL+08, ASH+09, BHY+08, CLA+05, HHS+09, HQF+07, NPBP07, OTH+07, PKK09, Rap05, SSHP+07, Tum06q, WLK+05]. **outgrowth** [BSL+08, HSB+07, LGZ+05, MLC+06, RFBB07, RAP08, SSLS05, STU+08, VVL+08, VCSG07]. **outlier** [LeB05-72]. **outs** [Les08b]. **ovary** [OLS08]. **Overall** [CSMP+09]. **overcome** [FPP+08]. **overdone** [LeB05d]. **overexpression** [KST+07, LZL+05, NTS+05, WCR+08]. **overflow** [LeB05-92]. **overgrowth** [HMS+08]. **overlapping** [MDWH+08, RMZ+06]. **Ovol1** [NTB+06]. **own** [HR08, LeB06q, LeB06-80, LeB09a, Les05h, Les07-28, Rob08c, Wel05-38]. **oxidant** [Ter06]. **oxidants** [WXM+05]. **oxidase** [CKX+08, SMM+08c, TRS+08]. **Oxidation** [PWD+06, LeB05-52, LeB06x, SMM+08c]. **oxidative** [MLV09, MLH+06, SPK+09, SL05, SBC+07, TP09, HK07]. **oxide** [FHFB+06, NBS+08, PBD+06]. **oxygen** [BKE+07, LeB07w, MG08a, Wel05c, XJF05]. **oxysterol** [RIHP06, SCR+09]. **oxysterol-binding** [RIHP06, SCR+09].

P [BMP08, GC05, MPS+07, SMH+09, SCK+07, CRS+06, DSN+07a, ESG+06b, GSB+06c, GSB+06b, NWO06a, PWM+06b, RMZ+07, TÖL+06a, lWHMH06a, Wel06f, Wil06d, BAR+08, DLL+08, DCMB+07, FBD+05b, HCC+07, NSS+08, NAG+08, Rob08j, Wil07k, Wil07-31, WSB+09, ZEC+08]. **P-bodies** [DCMB+07, HCC+07, Wil07k, Wil07-31]. **P-body** [FBD+05b, ZEC+08]. **P0** [GHX+07, LLW+09]. **p107** [LeB05-76, RMC+05, VWM+07]. **P115** [SMR09]. **p120** [DBR09, SYM+08b, YA06]. **p120-catenin** [DBR09]. **p120catenin** [LPN+08]. **p130Cas** [PEW+05, SMM08b]. **p14** [TTK+06]. **p150** [JRZ+07, RKvdK+09, LSC+06a]. **p16** [YTH+09]. **p19** [MZH+08, NCB+08, NCB+09]. **p190Rho** [LLT+08]. **p190RhoGAP** [BMR+08]. **p21** [JZN+09, OSS+07, RG06a]. **p21-activated** [OSS+07, RG06a]. **p24** [ARKS+08]. **P2X7** [PRZ+08]. **p32** [BFP+07]. **p38** [GLS+09, JTN+05, KBY+08, Las09, TKB+06, WWL07]. **p38-** [GLS+09]. **p38MAPK** [OMLP+08]. **p50** [SLZ+06]. **p53** [DMBF+07, GdTAR07, JZN+09, KCD+06a, LeB06e, Les07-50, MYO+05, MZH+08, NCB+08, NCB+09, SGDM06, Tum05-40, WKH+06, Wil07-63, XKYW07, YTH+09, ZHS06, LSG+06, XKYW07]. **p53-dependent** [SGDM06]. **p53-Mdm2** [XKYW07]. **p53-mediated** [XKYW07]. **p53/p21** [JZN+09]. **p59** [BLS+05, SSLS05]. **p62** [BLB+05, NSS+08]. **p62/SQSTM1** [BLB+05]. **p65** [TCW+06]. **p66** [MMW+07]. **p66shc** [KSK+06, SNG+05]. **p73** [HlQY+06]. **p75** [SBM+07]. **p85** [LFL+05]. **p90Rsk** [DUR+05]. **p97** [WLY06, LDL+09a]. **p97-associated** [WLY06]. **p97/VCP** [LDL+09a]. **PABP** [KII+08]. **pace** [Sho09v]. **paces** [LeB07-36]. **Pack** [Rob08-33]. **packing** [Sho09m]. **Pacman** [ZRBS07]. **Pacman-flux** [ZRBS07]. **pact**

[Wil07g]. **PAG** [VSR+08]. **Painting** [Sed09j]. **pair** [LW07a, THS+09]. **pairing** [JGY09]. **PAK** [NWB+06, LB08]. **Pak-related** [LB08]. **PAK1** [LLJ+05]. **Pak1p** [LB08]. **Pak1p/Orb2p** [LB08]. **Palade** [LRCH+05, Mel08b, Wel05-56]. **palmitoyl** [OVL+07]. **palmitoylate** [FHFB+06]. **palmitoylating** [NFI+09]. **Palmitoylation** [DDB+05, GC07, LDS+06, ALvdG06, Dal09]. **Palmitoylation-dependent** [GC07]. **pancreas** [Les08-30]. **pancreatic** [HOH+08]. **pancreatitis** [Les08k]. **Paneth** [BDP+07]. **pannexin** [VBG+06]. **Par-3** [CM06, LeB06-53]. **Par3** [Les07x, STM+07]. **Par6** [EMMN+05]. **Par6-PKC** [EMMN+05]. **Paradigm** [RG06b]. **paradox** [Wil08a]. **parallel** [Pow05o, Rob08-32]. **paralogues** [Les07-73]. **parasite** [MBR+05, OHH+06]. **Paraspeckles** [BF09]. **Paraxial** [CG06]. **park** [Pow05o]. **Parkin** [McB08, NTSY08, OLC+07, Sed08l]. **Parkin-mediated** [OLC+07]. **Parkinson** [Wil07l]. **ParM** [LeB07-40]. **PARP** [SiTT+08]. **PARP-1** [SiTT+08]. **part** [vRG08]. **partial** [BSO+08, SWS+08]. **partially** [SM09]. **participate** [MSSF05]. **participates** [BUJ+08, FZT+07]. **particle** [ABSK06, ELM09, PGL+09, oSCW07]. **particles** [DMC+07, GZBM+06, KRPH08, LeB06-29, POCS+06, SWL+05, Wel05-56]. **partition** [KMK+05b]. **Partitioning** [LeB06-54, CTS+06a, CBMCSS08, CLA+05, EMD+08, FMK+09, HGJ06, RCFB08]. **Partner** [Rob08-34, FFS06]. **Partners** [LeB07-41, BCJ+07, Rob08g, TMBL+08, Tum05z]. **parts** [Rob08s]. **party** [Sed09d, Wel06-51]. **Pass** [Wel07l]. **Passenger** [Les06w, GGB+08, VML06, XOV+09]. **Passionate** [Sed08n]. **past** [Wil06n]. **patch** [SBMP05]. **path** [Rob08c]. **pathogen** [LeB07-49]. **pathogenesis** [LeB07u]. **pathogens** [MRKH05]. **pathology** [PMC08]. **pathway** [BCT06, CCP+08, CWC+07, CTO+08, CEY+05, DvRF+05b, DBDD06, DVF+06, DPP+07, ERM+09b, FA08, FPP+08, GXJF07, GGE+09, GDR+05, Gra07, GEE07, HBK+06, HFP+05, HR09, IH05, JWSS05, KBY+08, KOVP09, KGDR+07, KMSLS06, KKC+07, KBC+08, KWY+06, KDD+09, LEH+05, LD07, LJA09, LeB06-32, LPN+08, LLHH07, LPB+08, LTAM+09, MCF+05, MSECB05, MF08, MSW+07, MSW+17, NCB+08, NCB+09, OMLP+08, OTH+07, PhXD+06, PBD+06, PCPW08, SBM+07, Sed07b, SHC+05, Sho09p, SFB09, SL05, SRD+07, SMW+07, Tum05-50, WJM07, WLC08, Wel05-50, WSFD07, YCR06, iYOW+06, YTY+07, YCK+05, YWM+08, ZMGC05, ZJH08, ZKN+06]. **pathways** [AWR+07, AMS+05, BMRP07, CCS+08, DSLY+05, FHMC09, FHS+07a, GPN+06, GFD+05, HCL+07, KDD08, LRJY06, dJPAW+09, RCS+09, SMH07, TMY+09, VKGV08, WWX+06, WCN07]. **PATJ** [SSM05]. **patrol** [Wil07-52]. **pattern** [Pow07c, SLP+06]. **Patterned** [LeB05-77]. **patterning** [JSC08, LJN+05]. **patterns** [KCD+06a]. **Paul** [Wil08s]. **pause** [Sho09a]. **Pax3** [KCS+06, RMZ+06]. **Pax7** [KCS+06, OYTO07, RMZ+06]. **Paxillin** [NWB+06, AFM+05]. **PC12** [AOT06, ANI+07]. **PC4** [MRL+08]. **PCDH15** [DTY+05b]. **PCH** [RGCWG09, TSS+06]. **PCNA** [GFA+09, LeB08m, LM05, SSS+08b]. **PCNA-binding** [GFA+09]. **PDE4**

[SBM+07]. **PDE4/cAMP/** [SBM+07]. **PDGF** [RG06a, VSR+08]. **PDGF-** [RG06a]. **PDGF-induced** [VSR+08]. **PDGFR** [SSD+09]. **PDGFR-** [SSD+09]. **PDK1** [PdBR+07]. **Pds5** [JGY09]. **PDZ** [HSB+07, STBL09]. **PDZRhoGEF** [WVB07]. **peace** [BEH+06]. **pebbles** [MOCC05]. **PECAM** [CMF08]. **PECAM-1** [CMF08]. **pedal** [Tum05-27]. **Peering** [CB08]. **Pegging** [Rob08-35]. **Pelkmans** [Sho09-34]. **pemphigus** [WSB+06]. **penetrating** [BGZ+07]. **Peptidase** [LeB07-42, IBS+05]. **peptide** [CCC+06, KNT+07, PCG+05, RKB+07, SZX08, YCK+05]. **peptide-generating** [YCK+05]. **Peptides** [Wil07-46, BW08]. **perfect** [LeB07-52]. **perforin** [SWB+07, WSS+06]. **perforin-dependent** [SWB+07, WSS+06]. **perform** [DBD+09]. **Pericentric** [GER+07, LG07, LG08, PL06, WSG06]. **pericentrin** [TMZ+09]. **pericentriolar** [LR07]. **pericyte** [SBF+06]. **perinodal** [EFCP07]. **peripheral** [BTP+07, Bon05i, EFCP07, MMT+05, PBB+09]. **periphery** [BMSJ07, KS08, RW08c, TFC+06b, TMI07, Tum05-72, Tum06-39]. **periplakin** [SNG+07]. **PERK** [MGBH+06, SGK+07]. **PERKs** [Wil07x]. **perlecan** [ZMW+08]. **permanent** [Wil07-65]. **permeability** [OSS+07, VBG+06, Wil07-67]. **permeabilization** [UDC+07]. **permeases** [KGL07]. **Peroxide** [LeB06-55, GH05, MMM+05]. **Peroxiredoxin** [KSE+07, MLH+06, PWD+06]. **peroxiredoxin-3** [MLH+06]. **peroxisomal** [BVGA+05, FFT+05, GGBV+07, LZM+06, LNL+08, MF08, PES+07, TM06]. **Peroxisome** [Sho09-48, TM06, BVGA+05, CMF+09, FFT+05, FMK+09, GDF+05, GGBV+07, MMNH09, Rou08]. **peroxisomes** [BJC+06, Bon05h, KMSLS06, Les07-66, MF08, MH07, Pow09c, Tum05-32]. **persist** [WMSB+06]. **persistence** [OPT+07, WZCB+06]. **persistent** [HS09b, KDG+09, MPD09, PEER+05, WCN07]. **persists** [SFP+05, SIL+07]. **perspective** [Sed08g]. **Perturbing** [RBJL06, HAT+05b]. **perturbs** [LSC+06a]. **Pes1** [HRS+05]. **Peter** [Sed09j]. **PEX16** [KMSLS06]. **PEX16-dependent** [KMSLS06]. **Pex16p** [MF08]. **Pex16p-dependent** [MF08]. **Pex19p** [MF08]. **Pex19p-** [MF08]. **Pex3** [CMF+09]. **Pex3p** [MF08, MMNH09]. **Pex5p** [PES+07]. **Pez** [WWC+07]. **Pfa3p** [SSSL05]. **Pfa4** [LDS+06]. **Pfeffer** [Sed09l]. **PGE** [TDP+06]. **pH** [FBD+08, FSH08, Har08]. **phagocytic** [BMG+07, Les09-31, NBB+09, TD08]. **phagocytosis** [CTS+06b, FOB+09, JGL+06, LHL+08, MYZ+09, SDB+05, SDS+05, WPL+06]. **phagocytosis-like** [CTS+06b]. **phagolysosome** [RCKD06]. **phagosome** [FBO+07, SHB+07, YHD+09]. **phagosomes** [CSB+06]. **PHAP** [MDC+08]. **pharmacological** [LLS+09]. **phase** [ABA+06, BJKF05, HDS+07, LeB05-76, LeB08f, LLC+07, MAG+08, MBF+07, MBF+08, OIFN+07, RMC+05, TMH+07, AH05, CCS+08, JET+07, PL06]. **phenotype** [OMLP+08, YMD+07]. **phenotypes** [BJM+06]. **Phenylbutyrate** [GDF+05]. **pheromone** [JMG08, PKM+05, TJC06, YR09]. **pheromone-** [PKM+05]. **phosphatase** [BCR+08, CRLP07, CWRG+08, ELJ+08, GDW+07, GQSHO05, JhKC08, KTA+06, LLW+09, MHC+09, PPK08, QU08, SIL+07, SWM+06, ToMY+08, WHB+07, WWC+07].

phosphatase-dependent [GQSHO05]. **phosphatases** [SRL05]. **Phosphate** [LeB06-56, AWM+08, FOB+09, LPA+07, LBC+07, MES+08, SRL05, SDB+05, SWH+06, SLWA07]. **phosphatidic** [RCM+09]. **phosphatidylcholine** [TPA+08]. **Phosphatidylethanolamine** [BGZ+07, OHP+09]. **Phosphatidylinositol** [JKKM08, SDB+05, AWM+08, CHCB05, CTY+06, FOB+09, LPA+07, LBC+07, MES+08, SHDT05, SLWA07, VTRB06, VCN+05, vZPG+07]. **Phosphatidylinositol-4** [SDB+05]. **phosphatidylserine** [YHD+09]. **phosphodestruction** [MFS+09]. **phosphodiesterases** [TDP+06]. **Phosphoinositide** [JD06, FBD+08, LFL+05, MCF+05, SHC+05]. **phosphoinositides** [CTY+06, RIHP06]. **Phospholipase** [HLK+09, KGKV07, LJR+05, SFEK07, vKGK07]. **phospholipid** [BYMB06, LeB05-97]. **phospholipids** [GG09, ZOH+08]. **phosphoprotein** [MSLS07]. **Phosphoregulation** [JBYW06, ZSMW09]. **phosphorylated** [GJL+08, MM05]. **phosphorylates** [LCO07, LB08, TAK+09, YOS+05]. **phosphorylating** [STMG05]. **Phosphorylation** [HHZ+08, HF06, LeB08u, LBI+08, MBJF+08, SNG+05, SMRS+07, TSP+07, WBT+08, YGY+05, AH05, BSMT05, BLT+09a, BWJ05, BSL+08, CTS+06a, CM06, CMF08, DXC+08, FHO+05, FHS+07b, GHX+07, HLL+08, HTYNK09, KKW+09, KNP+05, KO06, KLG+09, Les08c, LVDR05, MWMS07, MS09, MTB+09, NEF+06, NWB+06, RP05, SRL+06, SMT+08, TÖL+06b, WF07, YLM06a, dCD+07]. **phosphorylation-dependent** [FHO+05]. **phosphorylation-related** [KO06]. **phosphorylations** [FHNG05]. **phosphotyrosine** [LSdWL07]. **phosphotyrosine-independent** [LSdWL07]. **photoreceptor** [BLP+05, tDAK+05]. **photoreceptors** [BHY+08, COTAE+05, EFG+05, FSN+06, LSR07, RCM+09]. **photosynthetic** [SMWdV09]. **phototransduction** [LJR+05, WJM07]. **physical** [CRV+06]. **physically** [NMO+07, SMT+08]. **physics** [Wel06-43]. **Physiological** [VP05, LLS+09]. **physiologically** [GDA+08]. **pi** [LTK09, GC05, JHY+08, LCT+09, MPS+07, PWW+09, PST+06, SMH+09]. **PI-3K** [LCT+09]. **PI-4K** [PST+06]. **pi-bodies** [LTK09]. **PI3** [DTW06, KGKV07, ST09, vKGK07]. **PI3-kinase** [KGKV07, ST09, vKGK07]. **PI3K** [SJL+07, KRZ+08]. **PI4P** [iYOW+06]. **PI4P-signaling** [iYOW+06]. **Piccolo** [LOWTL+08]. **Pick** [CC09]. **picture** [Sed09j]. **PIDDosome** [MKB+09]. **PIE** [DPD+09, Wil09n]. **PIE-1** [DPD+09, Wil09n]. **piece** [Les07-51]. **Piecing** [Rex09]. **pigments** [LeB07-56]. **Pih1** [ZKG+08]. **Pih1/Nop17** [ZKG+08]. **Pik1** [SHDT05]. **PIKfyve** [Pow09b, TGRD09]. **Pilings** [Wel06-44]. **pilot** [JKW+09]. **Pin1** [SLMK08]. **pinch** [Nyb05h]. **Pinched** [LeB07-43]. **PIP** [HHFC06, SKO+06, Wil07-47, vRSvR+07]. **PIP2** [HLK+09]. **PIP3** [KGDR+07, VWK+06]. **PIP3-dependent** [KGDR+07]. **PIP5K** [MYZ+09]. **PIP5K-** [MYZ+09]. **PIPKI** [LVL+05]. **PIPs** [LeB05k]. **piRNAs** [LTK09]. **pitfalls** [Nor06]. **pits** [Pow05f]. **Pitx2** [SYA+08]. **pivotal** [PUG+06]. **PIX** [NWB+06, LeB06-84, tKJCH06]. **PK** [UWiY+07]. **PKA** [LLHH07, BSMT05, LeB07-44, LLL+06, SBM+07]. **PKA-activated**

[LLL+06]. **PKA-catalyzed** [BSMT05]. **PKC** [AM05b, BZHA+08, ERM+09b, EMMN+05, GHX+07, LeB06-57, MWMS07, SMRS+07, WWX+06, vKST+07, RSL06]. **PKD** [AM05b, BBPM07]. **PKD-mediated** [AM05b]. **PKD2** [HDM+07]. **Place** [Rob08-45, Les07-54, Les08-40, Sho09-48, Wil07-39, Wil07-53]. **places** [LeB05-67, Pow05b]. **Plakophilin** [BZHA+08]. **plane** [BBvD05, RW05]. **planes** [Tum05m]. **Plant** [LeB07-45, GH05, LeB07-49]. **plants** [Mat05]. **plaque** [Rob07g]. **Plasma** [GMS+08, HRLH08, LPG+07, LeB08v, PKB+06, BSA+08, BFF+06, CNMM+06, DPMB+07, DDB+05, FG08, GCF+05, HWSJ08, ITG+08, IGFG+08, JMG08, JWSS05, KDV+09, LGDN09, MSR09, MFM+06, NYI+05b, OLLG05, RIHP06, Tum06p, WHOS06, WZCB+06, WBLL06, LWBL06]. **Plasmid** [MJG07, CM07, CGJ09, HGJ06, Les09-28]. **plasmids** [CM07, LeB07-40]. **plasminogen** [SBM+07]. **Plasmodium** [BAdSG05]. **plasticity** [BJML09, SGMPV07]. **plastid** [IBS+05]. **plate** [BLT09b]. **Platelet** [LeB07-46, ASHD+05, BSK07, SZX08, WBP+08]. **platelet-derived** [BSK07]. **plates** [LRJY06]. **platform** [BVGA+05, GSH+08, Sco08]. **platforms** [LZ08]. **play** [FSnP+06, Les06p]. **Playing** [Di 08]. **plays** [AFN+08, JD06, LYH+05, LGBD+07, LRCH+05, Pow07a, RKH+09]. **Plectin** [OMGW+06, RKN+07, WAW08, KFR+08, WLK+05]. **Plectin-controlled** [OMGW+06]. **Pleiotropic** [XSVGR05]. **Plexin** [OKN06]. **PlexinB1** [GMM+08]. **Plk1** [SCD+08, WF07, YGY+05]. **Plk1-** [SCD+08]. **Plk1-mediated** [WF07, YGY+05]. **Plk4** [RRR+09]. **Plk4/Sak** [RRR+09]. **Ploegh** [LeB07t]. **plot** [KC09]. **pluripotency** [SAD+09]. **plus** [BVS+09, DvCvH+08, GHM+08, LeB06-35, LeB08y, MKGL+05, MSB06, PTF+06, SRE+05, Vau05, WTH05, XMA+09]. **plus-end** [MKGL+05]. **Plx1** [WF05]. **PMC** [Hil07]. **PML** [DMBF+07, JMM+06, JZN+09, Wel05-51]. **PML-dependent** [DMBF+07]. **Png1** [KAL+06]. **PNS** [WTE+08]. **Poc1** [POG+09]. **pocket** [MXR+05]. **podocalyxin** [MSSF05]. **podosome** [GHDS+07, OIT08, SYKM08, WPC+08]. **Podosomes** [Wil07-48]. **Point** [Wil06l, BMR+08, ELM09, JBF+08, RG06a, YWRA07]. **poise** [iWK06]. **Pol** [LeB06-46, Les07-51, MWY+09]. **polarity** [ALB+09, BFP+07, DP08, DCEM09, FKN+07, GMvdKC07, HP05, HOR08, HHFC06, KGKV07, KNT+06, KWY+06, LPA+07, LeB06-85, LWHC08, MRO+05, MSK+07, MS07, NN07a, OFfL+07, PB05, QCGM05, RAP08, SMH07, SLM+06, SSM05, SHH+08, Tum05w, TMY+09, VWK+06, VMZW+07a, VMZW+07b, Wil07-49, YGW06]. **polarity/proton** [Wil07-49]. **polarization** [EMMN+05, GMvdKC07, GGEd+07, HCFM08, IUT+07, MSSF05, OFfL+07, PKB+06, RWM+05, SIS+08, TSK+06, WNB08]. **polarized** [API+07, FHMC09, FSP+07, HXZ+07, HSTM06, LFS+05, NFCF08, PPCZ06, PST+06, RYN05, RKH+09, STM+07, ShCM+06, VVMS05, YWJ+07, YKP+08, ZWG+05]. **polarizes** [VCN+05]. **Polarizing** [LeB08w, Les07-52, WVB07]. **pole** [FDV+06, JMG+06, LSC+06b, NdCF+05, TTYH09, Tum05-42]. **poles**

[GNV05, JWC+08, SHC09, TKKT07]. **Poleward** [UHM+08, CYC+06]. **policy** [Ros05]. **poliovirus** [Wel06r]. **pollen** [GFD+05, THL+06]. **Polo** [dGHW08, RMAA08]. **Polo-like** [dGHW08, RMAA08]. **Polycomb** [AMERT+07]. **polyglutamine** [CSSvM08, JMM+06, QIH+06]. **polyglutamine-containing** [CSSvM08]. **polyglutamylated** [SHH+08]. **Polymerase** [LeB05-78, CVACF07, LeB05-68, Les07-59, Les07-58, Les08-44, LGBD+07, MRL+08, PNB07, YM09]. **polymerase-** [YM09]. **polymeric** [MCA+06]. **polymerization** [CAR+08, CHCB05, HLS+09, SKO+06]. **polymerization-driven** [CHCB05]. **polymerize** [HdL06]. **polymerizing** [MRvD+05]. **polymodal** [KBGG+08]. **polypeptide** [BYMB06, COC+05, DVF+06]. **polyploidy** [DSN+07b]. **polytopic** [KL05]. **polyubiquitination** [MSM+06, OLC+07]. **POM121** [SNPCG06]. **POM121-** [SNPCG06]. **Pom152p** [MMCW06]. **Pom1p** [Wil07-50]. **pombe** [TTYH09, CBZY08, GCM09, LB08, RGCWG09]. **pool** [Mel08a]. **pools** [LeB05-104]. **population** [HMM+05, MLHS06, ONW+07]. **populations** [MCA+06]. **Pore** [Wel05-52, BCC+09, COC+05, DGG+08, DLHW09, DZW+08, FKJ+09, LeB06v, LeB07-47, Les05f, Les07-72, Les09-27, LFH07, LPM+07, MMCW06, MSL+09, NdCF+05, OSM+09, RM05a, Rex09, Rob08-30, SHC07, SHS+06, SNPCG06, TW07, Tum05-42, Wel06-65, WEL+07n]. **pores** [FSS+09, Tum06e]. **Porterplasm** [Pow05r]. **Portioning** [Wil09n]. **portrait** [Les05f]. **POSH** [TTE+07]. **Position** [Rob08-35, DCEM09, JKDH08, LeB08m, MLS+07, Sed09m, Sho09x]. **positional** [MPL+07a]. **Positioning** [Wil06m, Wil07-51, BE05, CLG+07, DHT+09, HP05, iHBD08, OLS08, OF08, RKvdK+09, TGH+07]. **Positive** [FKN+07, ASHD+05, GEN+06, MOCC05]. **positively** [EHHK09, WLC08]. **possess** [KAD+08]. **post** [HNvD+07, HHY+08, WRP+06, HFP+05]. **post-Golgi** [HNvD+07, WRP+06]. **post-transcriptionally** [HHY+08]. **posterior** [KO07, TA07]. **postmitotic** [HZR05, OW06]. **postnatal** [GKCM+08, JLG+06, WMSB+06]. **Postsynaptic** [BJML09, KTN07, NVJ+08, OWM05, PFD06, SLNS06]. **posttranscriptional** [LTK09]. **posttranslational** [MLC+07, LeB07u]. **pot** [Wil08x]. **potent** [LVG+09]. **potential** [BM07, ONW+07, SCF+07, WJM05]. **potential-dependent** [BM07]. **potentially** [SHC07]. **potentiate** [DG08]. **potentiation** [RCS+09]. **power** [LeB05-51, Les07-52, YOY08]. **Powered** [Les05g]. **powers** [KRPH08, MT07, Pow05q]. **pox** [Rob08-48]. **poxvirus** [Heu05, SWL+05]. **PP1** [TMAL+06]. **PP2A** [CRLP07, YK07]. **PP2C** [PGO+07]. **pp32** [HAT+05b, MDC+08]. **pp32/LANP** [HAT+05b]. **pp32/PHAP** [MDC+08]. **PPAR** [CTP+09, Sho09-52, vKST+07]. **PPH** [KHW+07, KHW+09]. **PPH-4.1-mediated** [KHW+07, KHW+09]. **PPM1G** [PGO+07]. **PPM1G/PP2C** [PGO+07]. **PpPex20p** [LZM+06]. **PPXY** [MSECB05]. **PR** [TMH+07]. **PR-Set7-dependent** [TMH+07]. **practical** [Nor06]. **Prague** [LeB06-52]. **pRB** [MYO+05]. **Prc1** [CGGT09, LW07b]. **Prc1-dependent** [CGGT09]. **Pre**

[HNvD+07, BJZ+09, KRPH08, LSD+06, YOSM06]. **Pre-** [HNvD+07]. **pre-60S** [KRPH08, LSD+06]. **pre-messenger** [BJZ+09]. **pre-mRNA** [YOSM06]. **preadipocytes** [LLS+09]. **preapical** [MSSF05]. **preautophagosomal** [HSY+06]. **precede** [BLMS06]. **precedes** [LSM+05]. **precise** [Pow07c]. **precision** [Wat09]. **precocious** [KGL07]. **precursor** [MM05, Rap05, SKO+08, SMM+08c, WKWL06]. **precursors** [DCAC05, MMU+09, SDL+05, ZWO+09]. **predicted** [CCSBM+07]. **preferences** [CAL+07]. **preferential** [SRBL06]. **preferentially** [HLM+08]. **prefibrillar** [KKB+06]. **preformed** [BZYM+08]. **pregnancy** [Wel06x]. **PRELP** [RRA+09]. **premature** [EVF+08, MGW+08, MNF+07, SMW+07]. **premature-aging** [EVF+08]. **preprotein** [WAKS08]. **prerequisite** [ZEC+08]. **presence** [MSK05]. **presenilin** [GDA+08]. **present** [GD05, SORM05]. **presentation** [VLFA+07]. **Presenting** [LeB05-79]. **presequence** [WvdLH+07]. **preservation** [Pow09b]. **preset** [LeB07-46]. **presomitic** [YKP+08]. **pressure** [LeB05i, LeB05-95, Tum05g]. **Presynaptic** [HCRT08, AACS+06, NLS+05, OMF+05]. **prevent** [JMM+06, KL05, LeB05-27, PCG+05]. **Preventing** [Les09-29, DDLC+06, KGL07, RKK09, SMW+07]. **prevents** [CRLP07, DP08, EFG+05, HZL+07, LeB07c, LLC+07, MGW+08, MRD+08, Rob08a, RMKS08, SMSPK08, SMRS+07, TGRD09, Wil07-50, WCR+08]. **price** [Les07-53]. **Primary** [PS08, DMC+07, GSL+07, KAD+08, MZH+08, SSD+09, STM+07, SLP+06, WRKC+09, iYEF+07]. **primate** [DHML05]. **prime** [Les08-66]. **primed** [HCC+07]. **priming** [DXC+09]. **primitive** [LeB05-105, LeB06-88, SRXvdK06]. **Prion** [KZT+08, KZT+09, SSLS05, Ste08]. **Prions** [Les08-37, Wil07-46]. **PRISM** [Ros07a]. **Prm1** [HEW07]. **pro** [FMD+09, LeB06-58, LeB07-48, YJJ+09, BSF+08]. **pro-** [FMD+09]. **Pro-BDNF-induced** [YJJ+09]. **Pro-diversity** [LeB07-48]. **Probing** [Wil07-31]. **problem** [Rob07g, Rob08-41]. **procedures** [Sho09q]. **proceed** [LCvD+08]. **Process** [LGZ+05]. **processes** [CGS05]. **Processing** [LJN+05, DTP07, ERM+09a, GAS06, KSA+05, LZL+05, LWG+05, MLS+07, SKO+08, SNC+06, SCF+07]. **processive** [KHWC08, SOR+05]. **produce** [KHWC08]. **produces** [BPL+05]. **production** [BKE+07, GDA+08, PRZ+08, PS08, Rou08]. **productive** [LeB08p]. **products** [Pow05j]. **profiles** [IGFG+08]. **Progenitor** [WMM+09, AOP+05, DBvdW+06, FKS+06, GSY+09, JAV+07, KWS+08, NTB+06, NPB+05, QWD+08, RMZ+06, SRR+08, SLCB05, VWM+07]. **progenitors** [DMC+07, VMY+09]. **progeria** [MG08b]. **program** [FAG+07, GLS+09, HLK+07, LeB06-30, Sho09-49]. **programmed** [GH05, MDH+06, PKM+05, THL+06]. **programming** [RCKD06]. **programs** [BFL+05, RLH+09, SSHW09, SLZ+06]. **Progranulin** [VVL+08]. **progression** [CGLC+08, CWC+07, CBIO05, DVF+06, DSBK09, HLK+07, JET+07, KST+07, KRPH08, LM05, MVC+07, MFO09, RMC+05, SCD+08, SCMV07, SiTT+08, TWC+07, ULN+07, WWK+06]. **progressive**

[HlQY+06, PRB+09]. **Prohibitin** [SSS+08a]. **Prohibitin-1** [SSS+08a]. **prohibitins** [OHP+09]. **proinflammatory** [LYY08]. **proliferating** [MSM+06]. **Proliferation** [LG07, LG08, BDP+07, CZSG08, CTS+06c, DRD+05, FKS+06, FIK+05, FIK+20, HRS+05, JAV+07, LeB06u, LeB08g, Les07-41, LNPC06, MWMS07, MRD+08, NPB+05, OLS08, PLR+06, RVBZ+08, SRR+08, SMW+07, TTK+06, Tum06s, WMM+09, WBC+06, WWX+06, WM05, Wil07-28, XSVGR05, YWW+08]. **Proliferation-dependent** [LG07, LG08]. **proliferative** [PHB+07]. **proliferator** [GDF+05]. **Proline** [MNH05, LVL+05]. **proline-directed** [LVL+05]. **prominin** [DMC+07]. **prominin-1** [DMC+07]. **promote** [BWL+08, BYR08, BMP08, CCL+08, CYY+08, CLG+07, FBY+06, GHY+05, GC05, GNL+06, KHH08, KBC+07b, LMM+09, MLC+07, NEF+06, NVJ+08, SKE+05, SMH07, STU+08, SWI06, WZM07, WF06, YMCT08]. **promoter** [BZA+06, LN07]. **Promoters** [LeB07-49, Les07b]. **promotes** [BSO+08, BHG+05, CTS+05, CTO+08, DLL+08, DDO+08, GdTAR07, GGO+09, GSiK+09, HGJ06, HFY+06, JMG08, JHY+08, KLS+06, KOKM07, LM05, Les08k, LHZ+08, LFW+09a, LFW+09b, MWY+09, MES+08, MAG+08, NTS+05, NTSY08, NdCF+05, NBS+08, Pow09b, RLDC09, SYKM08, SG09, SZL+09, SMM08b, SLNS06, TTYH09, TLDB08, TP09, TSN+07, TMI07, YIfHA09, YHC+06, ZCJ+08, ZMH+09]. **Promoting** [LeB06-59, BLT+09a, CAR+08, CNW+05, DFB+07, GGBV+07, NSO+09, PRZ+08, SMW+07, WC09, WWvD07]. **Promotion** [FHO+05, NPHT08]. **prompt** [FPP+08, Wil07-46]. **prompts** [IDTT+09, Wil07-28]. **Promyelocytic** [DCA+06, QIH+06]. **Propagation** [JBFC07, EMB+08]. **Proper** [GCM09, KCH+06, LR07, SB06, WF06]. **properties** [DG08, HMR+07, MSH+05]. **Prophase** [MVC+07, DSK+06, FNH+05, KSL+05, KPS+07, NVC05]. **prosecretory** [MBR+06]. **prostate** [BPL+05, Tum05-55]. **prostatic** [SBC+05]. **prosurvival** [MGH+09, UDC+07]. **Protease** [SSHW09, ERM+09a, HGA+09, HEW07, LFH07, LCR+05, PCV+08, PXD+07, VDA+08, WMT07]. **protease-activated** [WMT07]. **Protease-dependent** [SSHW09]. **proteases** [Sho09-41, YWM+08]. **proteasomal** [DGSN06]. **proteasome** [CPAH08, EHWL06, LSDFS08, Rob07c, TAK+09, WWO+08, YGW06]. **proteasome-independent** [CPAH08, EHWL06]. **Proteasomes** [Wil07-52, Wil06m]. **protect** [CWM+09, MLC+07, Rob08j, Wil07l, YK07]. **Protection** [BAR+08, WZC+05]. **protective** [BLB+05]. **protects** [AJR+09, DC07, DGP+05, LeB05o, WCB+08]. **Protein** [BFB+08, FSnP+06, LeB07-50, Les08r, SFP+05, SWM+06, ToMY+08, AMERT+07, AFN+08, AHM+05, AHD+09, BY09, BGZ+07, BBF+07, BYK08, BFP+07, BBFN07, BLB+05, BvOM+07, BAR+08, BZA+06, BXHD08, BPL+08, BSH+07, BMSJ07, CZM+07, CBK+06, CCS+06, CCL+08, CZD+09, CHH+08, CSSvM08, CSW08, CRLP07, CCC+06, COB+08, CHO+09b, CWM+09, CBG+06, CLG+07, CFBM05, Dal09, DvCvH+08, ELJ+08, EHWL06, EYB+06, FFT+05, FHO+05, FBD+05b, FSR+07, FFS06,

FTM+06, FNH+05, FHS+07b, GHX+07, GGO+09, GGB+08, GRGP07, GHM+08, GG06, GBNK08a, GBNK08b, GTX+06, GWS09, GD05, GMZ+08, GSL+07, GC07, GGC05, GSV07, GKvdB07, GFC+08, GL06, HHT+07, HRLH08, HTK+08, HMR+07, HK07, HHS+09, HHFC06, HQF+07, HCB+08, HZOL05, HF06, HOZ+09, IBS+05, JCMG08, JKW+09, JASC08, JFM+09, JWSS05, JhKC08, KKGD05, KII+08, KBN+06, KC09, KZT+08, KZT+09].
protein [KMS07, KHBV05, KPR+07a, KPR+07b, KTA+06, KTI+05, KFK+05, KNT+07, KGM+07, KRG+08, LDS+06, LJA09, LeB05-78, LeB07y, LW07a, LGZ+05, LVL+05, Les06x, Les07-41, Les08b, Les08h, Les08-28, Lev07, LSC+06a, LFH07, LHL+08, LS06, LDGO+09, LLH+09, LFMO+09, LCL+07, LNL+08, LB08, LDL+09b, MTL+06, MHM+07, MLC+07, MYMH09, MSECB05, MF08, MDET08, MGH+09, MW06, MGR+05, MTH+06, MHC+09, MDPG07, MHFH06, MLP06, MBF+07, MBF+08, MM05, MDW05, NMV+07, NYM+08, NSS+08, NS06, NRL+05, NdCF+05, OOY+06, OVL+07, OOS07, OOS09, PPK08, PUG+06, PLLH05, PAM+07, PT09, dJPAW+09, PSS+05, PPS+06, PMK+07, PEW+05, PST+06, PHM+09, QCGM05, QIH+06, RIHP06, RM05b, Rob08-41, RKvdK+09, RMC+05, RLDC09, RKB+07, SRX+07, SON06, SKO+08, SSHP+07, SSLS05, SJL+07, SHC07, SGB+06, SPT+09, SPT+21, SCR+09, SDI+06, oSCW07, SWT08, SNA+07].
protein
[SDD+07, Ska07, SIL+07, ShCM+06, SSSL05, SGDM06, Ste08, SDW+09, SMM+08c, SIS+08, SWL+05, SRQL09, TKB+06, THY+06, THS+09, TCHL05, TGH+07, TSK+06, TSP+07, TMBL+08, TWC+07, VTT+09a, VDSV06, VLFA+07, VSR+08, VKR+09, VCN+05, WAKS08, WRKC+09, Wel05-32, WC07b, WLK+05, Wil08o, WHM+07, WWC+07, YMTC05, YOY08, YHD+09, YOSM06, YWM+08, ZPGB+07, ZMGC05, vRCB+07, vdBKB+07, UPBM06].
protein-1 [MM05]. **protein-dependent** [BvOM+07].
protein-independent [SJL+07]. **protein-mediated** [TGH+07].
protein-sorting [JWSS05, MSECB05]. **Proteins**
[LeB07-51, Les08-38, AVHH09a, AVHH09b, BHY+08, BLC+09, BJZ+09, Bon05d, BEN+05, BLA+09, CCS+06, CMF+09, CDW+05, CTY+06, CYO+09, CK07, CNMM+06, DLHW09, DR07, DJV+05, ESZK06, FHMC09, FSnP+06, FHS+07a, GG09, GNV05, GMS+08, HWN+07, HSLI09, HLK+09, HT08, HSTM06, JMM+06, JZN+09, KCE+06, KBI+08, Kat06g, KIKI+07, KSL+05, KDG+09, KL05, KSpLL06, KZS07, LeB05-41, LJS+09a, LW07b, Les06w, Les08-46, Les08-66, Les09v, LK05, LBG+06, MBR+05, MEG+07, MG08a, MNH05, MGH+09, Nic09a, OTH+07, PPCZ06, PTF+06, Pow05v, Pow06b, Rap05, RIHP06, RMAA08, Rob08m, RCFB08, RAP08, SKE+05, SWD+08, Sav09a, SS06a, SS08a, Sed09b, Sed09c, SZL+09, SAM+07, Sho09g, SGKM08, SNG+05, SGKP+07a, SGKP+07b, THS+09, TSS+06, Tum05z, Tum05-30, Tum06-37, WHOS06, WPH+07, WF05, ZMGC05, ZWG+05].
proteoglycan [MWMS07]. **proteoglycans** [OBY+06]. **Proteolysis**
[ZMA+07, FBJB+09, LeB05d, MCD+07, NMO+07, OHH+06, SIL+07].
proteolysis-resistant [MCD+07]. **Proteolytic**

[CYY+08, CSSvM08, GKvdB07, HGA+09, HOH+07, HCL+07]. **proteomes** [TMBL+08]. **Proteomic** [PALW05, TDD+05]. **proteomics** [BHH+06, TTG+09, Tum05h]. **prothymosin** [UFY+07]. **prothymosin-** [UFY+07]. **protist** [KBC+07a]. **proto** [EIK+05]. **proto-oncoprotein** [EIK+05]. **protocadherin** [CG06, NPHT08]. **protofilaments** [MGBM+09]. **proton** [Rob08-36, Wil07-49]. **protrusion** [LMM+09, NWB+06, VMZW+07a, VMZW+07b, ViKA+06]. **protrusions** [SWD+08]. **protrusive** [PJMR06]. **provide** [BW08, BBM+07, GHM+08, Sco08]. **provides** [GSH+08, KBW+06, MFA+07, YTB07]. **proximal** [SBC+05, SMH+09]. **proximity** [BLR+06]. **Prp20p** [DTR+05]. **PRP4** [MDPG07]. **Prss8** [LCR+05]. **PSD** [NBS+08, NFI+09, Wil08r]. **PSD-95** [NBS+08, NFI+09, Wil08r]. **PSD95** [CVD+05]. **Pseudokinase** [LeB08x]. **Pseudomonas** [KGDR+07]. **Pseudopodia** [DDH09]. **PtdIns** [BSA+08, SCK+07, WSB+09]. **PtdIns4** [WSB+09]. **PTEN** [DDO+08, Sed08k]. **PTEN-null** [DDO+08]. **PtK1** [CYC+06]. **PTP** [ASHD+05, WKC+09]. **PTP-1B** [ASHD+05]. **PTP1** [SWM+06]. **PTP1B** [CCP+08]. **public** [Ros05]. **publications** [Ros05]. **PubMed** [Hil07]. **Puf3p** [GRGP07]. **pull** [Les07-46, Les08s, Les09y, Rob08s, Wel05-34]. **pulling** [KO07]. **pulling-force** [KO07]. **pulls** [LeB07o, Wil07-59]. **pullyu** [Las09]. **pulmonary** [dJPAW+09]. **pulse** [LeB06z]. **Puma** [Let09, GGO+09]. **Pumilio** [GRGP07]. **pump** [GDA+08]. **Pumping** [Les08-39]. **punch** [Tum06w]. **punctuation** [Kat06f]. **puncture** [Les08j]. **Pursuing** [Pow05s]. **push** [Wil07-48]. **pushes** [LeB07-40, Pow05b]. **Pushing** [VW08, CM07, TWG+09]. **pushmi** [Las09]. **pushmi-pullyu** [Las09]. **put** [Tum06l, Wil09g]. **puts** [Les08y, Sed09a, Wel06-62, Wil07-39]. **Putting** [LeB06-60, Les07-54, Les08-40, Les09-30, Nyb05h, PT07, RAP08, Wil07-53]. **pXBP1** [YOSM06]. **Pygo2** [GSY+09, Hor09, Wil09o]. **PyK2** [LLT+08, GHDS+07, LeB07-52, WLLF+08]. **pylori** [GMG+07].

Q [BKE+07, MBS+08, OV09]. **Qing** [Sed08m]. **quality** [MLC+07, PGWH08]. **Quantitative** [CCSBM+07, GBNK08a, GBNK08b, HKV+05, LJS+09b, SH05, TTG+09, BMBD+09, HSTM06, TMBL+08, Wat09]. **question** [Sho09e]. **Quick** [LeB05-80, LeB08y, Rob08-36, Tum05-65]. **quiescence** [LeB05-58]. **quiescent** [ABA+06, CGLC+08, JTN+05, LSDFS08, MMU+09]. **quiet** [Ste08].

R [GPJ+06, OKN06, WP08]. **R2TP** [ZKG+08]. **R7BP** [DDB+05]. **Rab** [CCL+08, Les08-41, Tum06-37, SHL+09, BPL+08, FHS+07a, GAG+06, RCKD06, SGKM08, SHB+07, iYEF+07]. **RAB-2** [SHL+09]. **Rab-coupling** [CCL+08]. **Rab11** [CAR+08, LSR07, PWW+09]. **Rab13** [NFCF08]. **Rab2** [ECR+09, MYMZ08, Sho09-49]. **Rab21** [PAV+06]. **Rab32** [WRP+06]. **Rab38** [WRP+06]. **rab5** [SSM+08, ADO07a, ADO07b, MES+08, PSL+06, RvVM+08, SHC+05]. **Rab7**

[JRZ+07, RKvdK+09, RvVM+08, SCM+07]. **Rab9** [ASP06]. **RabA4b** [PST+06]. **Rabs** [Mar06]. **Rac** [Wel06-45, Cha07, GPJ+06, HOM+05, KBC+08, KNT+06, MRO+05, OLLG05, PEER+05, SMM08b, SKO+06, Tum05-43, Tum06b, YN07]. **Rac-dependent** [KBC+08]. **rac1** [BTP+07, KSK+06, AS06, BRM+07, DBR09, ERM+09b, EYB+06, KBN+06, LeB06-84, Les08-42, LNPC06, MAG+08, NZQ+07, dJPAW+09, PEW+05, RKK09, SMG07, WWS05b, tKJCH06]. **Rac1-mediated** [DBR09]. **Rac2** [SMG07]. **RACK1** [GHX+07]. **Rad23** [KAL+06]. **RAD50** [SMT+08]. **RAD51C** [BLT+09a, KPS+07]. **Rad53** [ShCM+06]. **radar** [Pow05d]. **radial** [DS07, NZQ+07, PBB+09, YOY08]. **radiation** [LYWK08, NMV+07]. **radicals** [MG08a]. **Rae1** [BJM+06]. **RAF** [WM05, EPV+05, GKCM+08, NSM+09, PMK+05, Sho09-50, Tum05-52]. **Raf-1** [EPV+05, NSM+09, PMK+05, Sho09-50, Tum05-52]. **Raf1** [YTY+07]. **raft** [Pow06i]. **rafts** [LGDN09, Les09t, SSLS05, Sho09-32]. **raises** [LeB07x]. **Ral** [LH05]. **RalBP1** [GPJ+06]. **RAM** [JBYW06]. **RAMP4** [Poo09]. **Ran** [HM08, TTO+08]. **RanBP3** [HFvdV+05]. **RanBP9** [VBG+08]. **RanBPM** [DL08]. **Rando** [Wil07-45]. **Random** [Rob08-37, PEER+05, Rob07e]. **randomly** [Wel05j]. **range** [MSK05]. **RanGTP** [DPP+07, YGR+08, YRSM+09]. **RanGTP-dependent** [YGR+08, YRSM+09]. **RanGTP-independent** [DPP+07]. **RanGTPase** [MK07]. **Ranvier** [DZG+07, YOHR07, ZTM+08]. **Rap1** [GMvdKC07, GHSG07, HSB+07, JLM+07, JLL+07, NNS+08]. **Rap1-** [GMvdKC07]. **Rap1-PDZ-GEF1** [HSB+07]. **Rape** [Wel07i]. **RapGAP1** [JLL+07]. **Rapid** [BKBM06, HSLI09, ITG+08, MAG05, SWT08, SSK+09]. **Rapidly** [VTRB06, MCA+06, Pow05p, SCS+05]. **Raptor** [VKR+09]. **Ras** [GPJ+06, GDR+05, HFF07b, KWS+08, LeB05c, LWG+05, MBS+08, OKN06, Pow06g, RKB+07, SJL+07, YTY+07]. **Ras-like** [RKB+07]. **Ras/PI3K/F** [SJL+07]. **Ras/PI3K/F-actin** [SJL+07]. **RASAL** [LWG+05]. **RasB** [MBS+08]. **RasGEF** [HFF07b, MBS+08]. **rat** [LMZ+05, SLCB05]. **rate** [AH08, FN06, RM05a, RBC05, VWM+07, YGR+08]. **rates** [TTNA+06]. **rather** [GSdBS09]. **Rb** [LeB08z]. **RCC1** [HM08]. **RCK** [BAR+08]. **rDNA** [Rob08-38]. **rDNAs** [NNK+08]. **Reach** [Rob08-39, LeB05-93, Les08-28]. **reaches** [Les07-32, Les08-29]. **Reaching** [LLR+05]. **reaction** [LeB07w]. **reactivate** [RLH+09]. **reactive** [BKE+07, LeB07w, Ter06]. **readout** [Pow07c]. **Ready** [Wel05-53, Tum05-28]. **Real** [PH07, WNF+05b, YTH+09, BMB+07]. **Real-time** [PH07, WNF+05b, YTH+09, BMB+07]. **Really** [Wel05-54, Pow05y]. **rear** [Les06j, VMKW+08, YWJ+07]. **rearrange** [LeB05-59]. **rearrangement** [BSO+08]. **rearrangements** [KVS+09]. **reason** [Les08-46]. **Reassembly** [CHCM06, DZW+08]. **Rebecca** [LeB07-53, Sed08n]. **rebuffed** [Les08-43]. **rebuild** [Les07d]. **RecA** [KG05]. **recapitulates** [YMD+07]. **Rec'd** [LeB05-81]. **reception** [oSCW07]. **Receptor** [ALvdG06, GQSHO05, KP08, AMERT+07, ABSK06, ADC+07, BHJ+05,

BMRP07, CNM+05, CYY+08, CSM+06, DSLY+05, EYB+06, FCB+09, FCB+19, GHN+09, GCS+07, HWN+07, HZL+07, HSB+07, HPH+05, JP06, JCMG08, JRZ+07, KZC+08, KVC+09, KTI+05, KLV+08, KBC+07b, KBC+08, LGDN09, LeB05-88, LeB06g, LeB07-54, Les07u, Les07-55, LLM+05, LMC+09, LCM+08, MLC+06, MTL+06, MHM+05, MYZ+09, MYMH09, MF08, MDW05, NBB+09, NEF+06, NYN+06, NNS+08, NRW+08, OFY+05, OWM05, PCR+07, PLLH05, PES+07, Rob08n, RRP+08, SBM+07, SKE+05, SSLS05, SDDV05, SSJ+07, SSD06, oSCW07, SRR+08, SXH+06, SFC+08, Sho09r, SKR+07, Ste08, SWH+06, SMG07, SFEK07, SFS+07, Too05, TSP+07, TLK+06, Tum06-28, VLK+08, VCSG07, WJM05, WBC+06, WAKS08, WNL+09, WCR+05, Wel06-56, WMT07, YWEK08, ZDD+06, ZDMD06, dCD+07, vRCB+07, STP08]. **receptor-1** [WMT07]. **receptor-dependent** [SSD06]. **receptor-independent** [GCS+07]. **receptor-like** [HWN+07, PCR+07]. **receptor-mediated** [MHM+05, MYZ+09]. **receptors** [BSK07, BZYM+08, CMF+09, FTT+05, HCRT08, KZT+08, KZT+09, KKRP05, KFK+05, LGH+05, LeB07-42, LeB08-28, MGR+05, PRZ+08, PRK+07, PRK+09, RAS+07, RAS+08b, Rob08i, Rob08-54, SWT+05, TSN+07, TDT+08]. **Reciprocal** [NHK+08, OYTO07]. **Recognition** [WEL+07n, AMS+05, ABSK06, BAR+05, HZR05, JWG+07, SZX08, WSB+09]. **recognizing** [BKLT+08]. **recombinant** [SKE+05]. **recombinase** [BLA+09, FMD+09]. **Recombination** [KKGD05, BSO+08, BGJ+07, BFCS+07, BLA+09, JCVB08, LeB05-81, MGW+08, MTV+05, SiTT+08, TNS07, Tum05-67, WH06, Wil07s]. **Reconstitution** [LS06, CCSK08]. **reconstructing** [Wil08f]. **reconstruction** [MFM+06]. **recovery** [HFY+06, PWD+06, YOY08]. **RECQ1** [Les07-56]. **recruit** [GMSS06, SFS+07, YM09]. **recruited** [BZYM+08, DMDO08, LDL+09b, NTSY08, YOHR07]. **recruiting** [MES+08]. **Recruitment** [AVHH09a, AVHH09b, HSY+06, MRL+08, Wil07-54, AH05, BAR+05, BLMS06, CFL+05, GHM+09, GPC+06, HRB+06, IKZ+07, KKK+05, MGBH+06, MKV+09, OLLG05, OD07, OTM+07, PNB07, PTF+06, Poo09, RvVM+08, SSD06, SRE+05, SCMV07, SFEK07, WBP+08, ZCJ+08]. **recruits** [GGC05, GSV07, HFF+07a, JWC+08, LeB06r, SSLS05, TMAL+06]. **Recycling** [ADD+06, BSF+08, CCL+08, GSW+08, KKM+08, Kat07c, LSD+06, LPB+07, MKH+07, NFCF08, PES+07, Pow05h, SSSB07, TMY+09, WCN07]. **Red** [Rob07m, CBG+06, EVH+07, EVH+08]. **redecorates** [LeB07e]. **Redox** [AAG+09, PhXD+06, iWK06]. **redox-mediated** [PhXD+06]. **reduce** [FN06, KR07]. **Reduced** [PVM+05, BLL+06]. **reduces** [LVDR05, PMC08]. **reductase** [CLA+05]. **Reduction** [MYO+05]. **redundancy** [LRBM09]. **reduplication** [RRR+09]. **reentry** [CGLC+08, Les07-62]. **reestablishing** [MHL+06]. **Ref** [NSS+08]. **reflects** [AMS+05]. **refractory** [KKD+07]. **regenerating** [EMPK+07, LeB07p]. **regeneration**

[AS09, DLT+07, DFB+07, LPWP+07, LeB06-51, MLHS06, Wil07w].
regenerative [KCS+06, LeB09b]. **region**
[ADD+06, SBC+05, SLP+06, TFC+06b, Tho06]. **Regional**
[YCM+08, JBF+08]. **regions** [GHK+09, IPAR05, WPL+06, WBLL06].
reglucosylation [PGWH08]. **regulate**
[ALvdG06, BDS+08, BVS+09, CCH09, CLS+06, CM06, CCP+08, DRD+05,
DP07, EMMN+05, FHNG05, FHFB+06, FTB+09, GEN+06, GMS+08, GL06,
HBPL09, HKN09, HCN06, HHY+08, HMM+05, HCB+08, HHZ+08, IMY+09,
KLV+08, LH05, LMHT08, LLT+08, LCS+09, LSIT+08, MKGL+05, MKV+09,
OYKY+05, OFY+05, SDD+07, SLMK08, SMG07, TEIS09, TMZ+09,
Tum06v, VVL+08, VKR+09, WCN07, WPL+06, WvNS+07, WFJ06,
YOS+05, YMC05, YAV+05, ZKR+07]. **Regulated** [HLL+09, NTHN+08,
Tum05-53, AFM+05, ADD+06, BBM+08, COTAE+05, DCA+06, EIK+05,
FM05, GCM09, GXJF07, GAS06, Gle07, GDA+08, GEE07, GFC+08,
HMS+08, HF06, LD07, LPN+08, LSG+06, LWL08a, LWL08b, LYK+06,
LG07, LG08, LLC+08, MPL+07b, NJS+06, NAF09, NAG+08, OOY+06,
OMF+05, PSL+06, PB05, PBD+06, SCR+09, SCF+07, TMH+06, KLRS07].
regulates [BWL+08, BTD+07, BRH05, BZHA+08, BDP+07, BFP+07,
BWW+08, BBPM07, BMRP07, BBL+08, CMD+08, CBK+06, CNM+05,
CZD+09, CHH+08, CCM+07, CFL+05, CBZY08, CSSE06, DTY+05b, DL08,
DVF+06, DDB+05, EPV+05, FFW+07, FBO+07, FSG+08, FDB+09,
FDM+08, GRGP07, GLBS06, GFH+06, GMvdKC07, GMM+08, GHSG07,
GDF+05, GGEd+07, GDA+08, GBNS07, HBK+06, HLL+08, HGR+06,
HLK+07, HHFC06, HZR05, HOZ+09, IEGV06, JKKM08, JP06, JSC08,
KRZ+08, KBY+08, KAL+06, KKM09a, KNT+06, KDD+09, LPG+07, LS09,
LDS+06, LBVN09, LOWTL+08, LJN+05, LHZ+08, LYY08, LBS+08,
LDGO+09, LSdWL07, LGV08, LFL+05, LCL+05, MYMH09, MSV+05,
MDW05, MB07, NTB+06, NPB+05, NLS+05, NWB+06, NLL+06, NFCF08,
NNS+08, OSS+07, OYM+09, OIAT06, PCR+07, PSL+06, PEER+05,
PMB+09, PAV+06, PKJS+08, PZG+07, QCGM05, RYD08, Rob08p,
RRR+09, RFBB07, SBM+07, SGMPV07, SJL+07, SHS+09]. **regulates**
[SB09, SDI+06, SOR06, SCM+07, SBW+07, SS06b, STK+05, SHC+05, SSM05,
SLK+08, SRD+07, SLR+06, SIS+08, SLV+07, SRQL09, TWL07, TTK+06,
ToMY+08, TWC+07, TGRD09, Tum05-52, Tum06-28, TTE+07, UWiY+07,
VLK+08, VWM+07, VLFA+07, VSR+08, WZO+05, WLC08, WLE09,
WBT+08, WMT07, WWC+07, YGR+08, YOSM06, YHJ+05, YMDL09,
YPG05, YWM+08, ZS08, ZKG+08, ZDMD06, ZHYE08, dRKD+05, vBAS+07].
Regulating [DP08, Tum05-54, Tum05-55, BFB+08, CG06, DXC+08,
GTHK05, IPG+05, KSR+08, LU05, LLJ+05, LPF+06, OKN06, PLR+06,
PdBR+07, RMC+05, SKM+08, SSS+08a, SWS+08, TTG+09]. **Regulation**
[BHG+05, CWC+08, CKX+08, CTP+09, CWC+07, ERM+09a, EHWL06,
FKS+06, FNH+05, FHS+07b, GWS09, GKvdB07, HM08, JLL+07, JASC08,
JhKC08, KVC+09, LJR+05, LVL+05, LC08b, LSC+07, LJY+07, MKC+05,
OPT+07, PPK08, PCPW08, QWD+08, RvVM+08, RKB+07, SSAD08,

VMZW+07a, VMZW+07b, WLY06, WCR+05, ZPGB+07, vZPG+07, AWE+05, AZP+05, BJML09, BRM+07, BTP+07, BAdSG05, CS09, CYY+08, CR06, DS07, GMW+05, GPN+06, GGMBF08, GJL+08, GNPC+08, HHT+07, HT08, HK08, JLM+07, KKM09b, LGDN09, LW07b, LZM+06, LFH07, MVC+07, MMM+05, MDC+08, MTB+09, MW06, MHFH06, NTY+05, PLH+08, PCMSB09, PT09, PSS+05, PVM+05, RYD08, Rob08u, RWM+05, SWD+08, SSM+08, STG05, SXH+06, SFC+08, SSZR07, SMRS+07, SiTT+08, TRC+08, TSP+07, VP05, VBG+08, WWS05b, YKH+08, YA06, YR09, YTB07, ZTKK05, ZOH+08]. **regulator** [ASHD+05, BLT09b, CMN+08, DBvdW+06, LF07, MLC+06, NRL+05, PBAF+08, RKT+07, SSH+05, SL05, TTYH09, Tum06-54, WBC+06, WKH+06, YWK+08]. **Regulators** [BMBD+09, CSW08, KR06, LeB06i, LVG+09, OHP+09, RMAA08, YSB+07]. **Regulatory** [PR05, QHB+07, CC09, HRK+09, KIKI+07, LB08, LFL+05, NSM+09, OYTO07, PWM+06a, PKJS+08, SKO+08, VBSM06, VTRB06, YWW+08, deC09]. **regulon** [CTS+06c, CTO+08]. **Reichardt** [LeB09c]. **Reinforced** [Tum06-38]. **reinforcement** [BMK+06, YHJ+05]. **reinhardtii** [BSM+08, HDM+07, LW07a, LJS+09a, UZ08, iWK06]. **reins** [LeB05-62, LeB07-28]. **rejuvenating** [Wil07l]. **related** [CWRG+08, GBNK08a, GBNK08b, GDF+05, JKW+09, KO06, LB08, MMS07, NAG+08, PRB+09, RIHP06, SOR06, VTT+09a, WZW+09, WMS+06, LBG+06, TWL07]. **relationships** [TTNA+06]. **Relative** [OLKK09]. **relatives** [UDC+07]. **relax** [LeB06-27, Les07-72]. **Relaxing** [TSP08, Wel06-46]. **relay** [BMT+07, LeB06-85]. **release** [AACS+06, BMK+07, CFH+08, CCC+06, CLK+07, CVACF07, DBK+07, DMC+07, HBPL09, LeB05-54, LeB07-60, MSLS07, OMF+05, SYM+08a, SM09, WBK+06, Wil07z, WWS+06]. **releases** [HLK+09, vRSvR+07]. **Releasing** [MD09, GMM+08, PKJS+08]. **reliance** [SFB09]. **relies** [LeB05-43, UDC+07]. **relive** [LeB05p]. **relocalization** [HCC+07, MHC+09]. **remains** [PVJJ07, Rob07j]. **Remodeling** [Wel06-47, ZJH08, BMRP07, DGSN06, EGR+05, GQSHO05, Gra07, GGBV+07, HJK+06, KSA+05, MMS07, RKK09, SDB+05, SWT08, SLNS06, WKH+06, WL09b, XNM+09, vBDF+09]. **remodels** [LeB07-39]. **removal** [IKZ+07, MYMZ08, PGW+08, ULN+07]. **remyelination** [PBB+09]. **Renal** [OFfL+07]. **rendered** [HS09b]. **renewal** [BTD+07, JAV+07, Lin08, NCB+08, NCB+09, SRQL09, WLPB+09]. **reorganization** [BEN+05, LHL+08, PDM+08, YWJ+07]. **reorganizing** [LC07]. **Repair** [DG05, ITG+08, LeB06-61, Tum05-56, Tum06-39, BY09, BFCS+07, BWFdL09, GSB+06a, KG05, LeB05e, LeB08u, Les08j, MBJM+09, TFC+06b, THN+06, Wil07-54, YMTC05, YEL+08]. **Repairing** [Wel05-55, Les09f]. **repeated** [MKSJ06]. **repeats** [HK06, MBJF+08, SDN+05b, TRS+08]. **repertoire** [ESG+06c]. **replicating** [BJKF05, Wil07-27]. **Replication** [FPP+08, LeB05-82, BWFdL09, CCS+08, DP07, ESZK06, GLH+05, GHK+09, LeB06f, LeB07m, LM05, MSO09, MTV+05, MBF+07, MBF+08,

PL06, Rob08p, SSS+08b, SHK+07, SiTT+08, TMH+07, TNS07, Tum05-27, Tum05-54, Wel06-47, WGL+06, WSG06, YM09]. **replicative** [WGL+06]. **reply** [CDM+07]. **Repo** [TMAL+06, LeB06-62]. **Repo-Man** [TMAL+06]. **repositioning** [DOS+07, LN07, MM08, MGK+09]. **represses** [NTB+06, YAV+05, ZBKJ07]. **repression** [HlQY+06, KO07, YIfHA09]. **reproduced** [PCV+08]. **reprogramming** [GER+07, Sho09c, Wil07-32]. **Republic** [LeB06-52]. **Repulsion** [SMSPK08, PCPW08]. **repulsive** [HKIY09]. **require** [AMERT+07, GHX+07, PGP+07, ZWO+09]. **required** [ARKS+08, ASH06, AM05b, API+07, ABY+08, AHM+05, AHD+09, BM07, BDP+07, BKE+07, BW06, BFCS+07, CKG+08, CHCB05, COTAE+05, DBC+06, DJV+05, DSBK09, DHR+08, FFT+05, FSP+07, FSR+07, FSK+07, GGB+08, GMG+07, GTX+06, GTO+07, GMZ+08, GSL+07, GEE07, GKN+07, HOM+05, HTK+08, HOR08, HRS+05, HQF+07, HBN+09, JS07, JGY09, JET+07, JFM+09, KNY07, KBN+06, KOVP09, KHBV05, KLR+07, KNP+05, KCH+06, KSE+07, KRG+08, LW07a, LJS+09a, LC07, LSC+07, LWHC08, LPF+06, LYTL07, LGT+07, LYV+08, MBR+06, MHM+07, MHL+06, MOS+09, MFC+09, MDH+06, MDPG07, MHFH06, NSS+08, NVEF07, NFC+08, NYN+06, NFZ+09, OW06, OOY+06, OVL+07, ORM+08, PR05, PCMSB09, PHB+07, PBB+09, PES+07, PMK+07, RCT09, SON06, SYRL+08, SRL+06, SDDV05, SNC+06, SSD+09, SB06, SHK+07, SCMV07, SDW+09, SCK+07, SLWA07, TKSNG07, TRS+08, pTyLZ+09, UPBM06]. **required** [VDA+08, WZW+09, WJM07, XYC+07, YDL+06, YTY+07, YRSM+09, YSP+06, ZTKK05, dGHW08, vBDF+09]. **Requirement** [IUT+07, WWS+06, YGW06, BCC+09, CVACF07, LZ09, PMS+07, YLM06a]. **Requirements** [GS07, SHC09]. **requires** [ASK+09, BSA+08, BJML09, BH08b, BPL+08, BMSJ07, CLK+07, CWM+09, DDRL+09, DSLY+05, GMSS06, HHS+09, IKZ+07, IBS+05, JBFC07, JSPT05, JZN+09, JKW+09, KBR+08, LCL+07, LLW+09, LPB+08, LR07, MTV+05, NPMZ06, NRD+06, NYI+05b, PGB+06, PCN+05, POG+09, RIHP06, SFC+08, SHH+08, SDS+05, TdVM+07, TT09, TW07, TPA+08, TSALS05, WPH+07]. **Rer1p** [SRD+07]. **rereplication** [LLC+07]. **Rescue** [NRJ+09, Les07o, Les07-43, Tum05-47]. **rescues** [CC09, KHB+05, Tum05w]. **research** [Les06a, Ros05]. **researcher** [Wil07w]. **Reshaping** [AH08]. **residency** [FVSC08]. **resident** [HEW07]. **Residual** [SWB+07]. **residues** [CJMG05, MNH05, WHC+07]. **resilences** [Rob08-51]. **resistant** [MCD+07]. **resolution** [KKGD05, MWSK06, SD07, TSALS05, Wil06g]. **resolved** [LGH+05]. **resorption** [ZKR+07]. **respectively** [CS09]. **respiration** [PhXD+06]. **respiratory** [BMT+07, KHSM07, WvdLH+07]. **Response** [SDS+05, BRM+07, BJLK+06, BBFN07, BLMS06, CNM+05, CSMP+09, CRLP07, DCA+06, FMM+08, FTB+09, FCB+09, FCB+19, HKLM06, HKLM07, JMB+07, KHW+07, KHW+09, KDD08, LBS+08, LHRP05, MBJM+09, MFBG+08, MDWH+08, MSC+07, MJF+07, OOY+06, OMGW+06, PGP+07, RVH08, SPT+09, Sed07c, Sho09-51, SRS+09, SLZ+06, Tum05-65, YOSM06, SPT+21]. **responses** [DLBSD+05, LLS+09, MLV09].

responsible [CCL+05, JTH09, WF05]. **responsive** [GQSHO05]. **responsiveness** [LJR+05]. **restrain** [BJKF05]. **Restraining** [LeB05-83]. **restrains** [TST08]. **Restricted** [WWX+06, EMPK+07, MBR+06]. **restriction** [CPAH08, YWRA07]. **restricts** [BZA+06, GLS+09, HMS+08, SRR+08, WSFD07]. **restructuring** [KPM05]. **result** [DSN+07b]. **resulting** [Ros05]. **results** [BGJ+07, KPS+07, MLH+06, RVH08]. **Retention** [FSN+06, BJLM+05, MBJF+08, PS08]. **reticulons** [RW08b]. **reticulum** [ASB+05b, AH08, ADO07a, ADO07b, AWM+08, CHO+09b, JASC08, KPM05, LC07, LMC+09, LHRP05, LFS+05, NTHN+08, NSM05, PMW05, PVJJ07, RCFB08, RMP06, SPT+09, SPT+21, SBV+06, WWS+06, ZKN+06]. **retina** [PVMH05, WMM+09]. **Retinal** [JLB+05, HLJ+07, LJR+05, RWB+05, SRR+08]. **Retinoblastoma** [BvOM+07, VWM+07, DVF+06]. **retinoic** [ML05]. **retinoid** [HGK+06]. **Retraction** [KTYT05, FSG+07, HWJ+08, YJJ+09]. **retrieval** [KKW+07]. **retroelement** [LTK09]. **Retrograde** [Tum05-57, ARKS+08, GSJ+08, HLP06, STU+08, WSB+09, ZL05]. **retromer** [RvVM+08, SSSB07]. **retromer-dependent** [SSSB07]. **retrotranslocation** [FSnP+06, WLY06]. **return** [Wil06l]. **returning** [Wel07m]. **reunion** [LeB05-70]. **Rev1** [MWY+09]. **Rev1/Pol** [MWY+09]. **reveal** [STG05]. **revealed** [CHSV07, HDS+07, HSTM06, MWSK06, NTHN+08, RBC05]. **reveals** [BBFN07, BGP+06, BLA+09, DOVD08, DvCvH+08, DCMB+07, EMB+08, EMD+08, FMA+09, Heu05, LCvD+08, MBJM+09, MK07, NLC+05, OIFN+07, PH07, RGW+07, SPA+05, ShCM+06, SWG+05, VCSG07, Wil08k, YTH+09, YCM+08, YSB+07, ZTZ+09]. **reversal** [DR05, Tum05-58]. **reverse** [LeB06-60, Pow07d]. **reversed** [CR06, ERM+09b]. **reverses** [SCFKB07]. **Reversible** [FM05, HSLI09, LSDFS08]. **Reversion** [ZTZ+09]. **Reversion-induced** [ZTZ+09]. **review** [Ros07b]. **reviewing** [RP08]. **revisited** [BP05, SSHW09]. **Revisiting** [BY09, MS07, ELM09]. **RGD** [TLM+07]. **RGMa** [HFY+06]. **RGS2** [NMZ+09]. **RGS7** [DDB+05]. **Rhabdomere** [RCM+09]. **rhabdomyosarcoma** [BIH+05, BIH+07]. **Rhamm** [THN+06]. **rhesus** [CPAH08]. **Rho** [HO08, RWM+05, DvRF+05b, EPV+05, GGEd+07, GFD+05, HWJ+08, LeB05-36, LSNY08, PG06, RCS+09, SYKM08, SWI06, WSB+06, WCN07, YN07, YMC05]. **Rho-dependent** [HO08]. **Rho-GTPase-dependent** [LSNY08]. **Rho1** [WL09a, WL09b]. **RhoA** [dJPAW+09, ZHI+08, BBvD05, BB05, BDR+06, GdTAR07, KRZ+08, LC08b, LLT+08, MMW+07, OMLP+08, PLR+06, Rob08i, SGMPV07, SYRL+08, SSD06, Tum05-59, VWK+06, WPL+06, WVB07, YPG05]. **RhoA-dependent** [KRZ+08, LC08b]. **RhoG** [ERM+09b, Les07-57, vBAS+07]. **RhoGAP** [RFBB07]. **RhoGDI1** [ERM+09b]. **RhoGEF** [SMR09]. **RI** [NYI+05b]. **RI-mediated** [NYI+05b]. **ribbon** [RWB+05, Sho09-42, WS09, tDAK+05]. **ribonucleoproteins** [GTO+07]. **ribosomal**

[KZS07, Les07-73, MTRJA05, MTRD+06, SPS+08, ZWO+09]. **Ribosome** [LeB05-84, LLW+09, Tum05-60, CJMG05, GEE07, HRS+05, Joh09, JhKC08, KRPH08, KZS07, Poo09]. **Ribosomes** [Les08-43, Wel05-56, FTM+06, LeB08j]. **ribosylation** [LDGK08]. **RIC** [SHL+09]. **RIC-19** [SHL+09]. **rich** [BVGA+05, DTP07, MPS+07, RM07]. **RICH2** [RKH+09]. **Richard** [Wil08t]. **richer** [RM07]. **RID** [CC09, SCM+07]. **RID-** [CC09]. **ride** [Les08a, Pow05w, Wel05u]. **Riding** [MW06]. **Rif1** [BWFdL09]. **right** [Les07-63, PRB+09, Sed09m, Sho09-41, Sho09-48, Tum05-37, Tum06-45]. **RILP** [JRZ+07, RKvdK+09]. **Ring** [LeB05-85, Les06y, BVS+09, HRB+06, KOM07, PYR08, RGCWG09, Tum06i, Tum06-27, Wel05-35, WSK+06]. **Ring1B** [LW07b]. **rings** [HYB08, LeB08i, TAM+06]. **RIP1** [GHM+09]. **rise** [VMY+09]. **rising** [Fuc08]. **Rix7** [KRPH08]. **RLIP76** [GPJ+06]. **RMD** [OOS07, OOS09]. **RMD-1** [OOS07, OOS09]. **RNA** [AK06, AHM+05, BF09, CTS+06c, CTO+08, CVACF07, DKR+06, FKJ+09, GRGP07, GTX+06, HBPL09, HBN+09, KII+08, LeB06-46, Les06u, Les07-59, Les07-58, Les08-44, LGBD+07, MRL+08, MIBT06, PAM+07, PNB07, SPS+08, TCKV05, UZ08, VBL+05, WIL+05, Wel05-33, Wel05-57, WGKA+08, Wil08n]. **RNA-binding** [GTX+06, KII+08, PAM+07]. **RNAi** [WKIKG09, YSB+07]. **RNAi-mediated** [WKIKG09]. **RNAs** [BJZ+09, BFWH07, BAR+08, FFS06, HLL+09, VBL+05]. **RNase** [TP09]. **RNF8** [MBJM+09]. **RNP** [DKR+06]. **RNPs** [BMGPB+08, PNB07]. **Rny1p** [TP09]. **road** [LeB06-61, Les09j, Sed09k, Wil08o]. **roadblocks** [Wil07s]. **roar** [RW08d]. **Robo** [Rob08-40]. **robustness** [CWRG+08, DGG+08]. **ROC2** [GBNS07]. **ROCK** [SWI06, GdTAR07, OMLP+08, PLR+06, STK+05, Tum05-51]. **ROCK-dependent** [GdTAR07]. **ROCK-I** [STK+05]. **ROCK1** [HWJ+08]. **ROCKII** [LC08b]. **rod** [FSN+06, NPBP07]. **Roger** [Wil07-55]. **Rok** [NSM+09, PMK+05]. **Rok-** [NSM+09, PMK+05]. **Role** [AG09, GPN+06, HFM+05, LMC+09, NSO+09, OSM+09, PKM+05, SS08a, TPZG06, VDSV06, ViKA+06, AACS+06, AFN+08, ANI+07, ADO07a, ADO07b, BY09, BFG+06b, BWJ05, BBFN07, CCSBM+07, CK07, CTS+06b, DLT+07, DBR09, EYB09, FBD+05b, FA08, FBD+08, GKCM+08, GMW+05, GXJF07, GTHK05, HDS+07, JD06, KCAS05, KNT+07, Lec08, LYH+05, LLJ+05, LSC+06b, LKL+05, LDPLS05, LRCH+05, MHM+05, MMCW06, MPL+07b, ML05, MGH+09, MS07, MK07, NJS+06, NLC+05, OWM05, PGWH08, PLR+06, PKJS+08, PST+06, PdBR+07, RKH+09, RP07, SSHP+07, SPA+05, SSS+08b, Ska07, ShCM+06, SWH+06, TDP+06, Thu07, TM06, VBG+08, VMSV08, WAKS08, WC09, WLLF+08, WKW+08, Wil07y, WNF+05b, XKYW07, XGX+09, ZNP+09, vKGK07, CLR+06]. **Roles** [HLP06, BTP+07, CR06, ELJ+08, FSnP+06, IPG+05, KKH+06, hKDH+08, KCS+06, LSC+05, LGBD+07, MLC+07, MYZ+09, MMS07, PRK+07, PRK+09, PWW+09, RP08, SHDT05, SWG+05, TNS07, WJM05, WBE+08, ZTM+08]. **Roll** [Les05h, Cha07, Les09-27, Les09-29]. **Roll-your-own**

[Les05h]. **rolling** [LeB06-77, MOCC05]. **romance** [LC08a]. **room** [Les07-40]. **root** [LeB05k, PST+06, VCN+05]. **Rootletin** [BSW+05]. **Ror2** [NYN+06]. **ROS** [CKX+08, Tum05-44]. **Rosettes** [Wel06-48]. **rotate** [LeB05-28]. **Roundabout** [SMSPK08]. **roundup** [Les09h]. **rouser** [Les08-41]. **route** [LeB05-69, Les09i, LTAM+09, Sho09-30]. **routes** [GEP08, Les09e]. **row** [AGL+08]. **Royal** [Wil07c]. **Rpb7p** [LGBD+07]. **RPTP** [BLS+05, BSL+08]. **rRNA** [Wel05-46]. **RRP** [Gle07]. **RSF** [PNO+09]. **Rtt109** [iHBD08]. **ruler** [LeB05b]. **Rules** [Les08-45, Les09-31, LeB05m]. **run** [Sho09g, Wel05e]. **runaway** [Wil08n]. **runs** [Rob07l]. **Runx2** [LHZ+08, ZBKJ07]. **Runx2/Smad3** [ZBKJ07]. **Runx2/Smad3-dependent** [ZBKJ07]. **ryanodine** [OFY+05]. **Ryk** [KHH08]. **Ryoo** [Wil09l].

S [YOSM06, AH05, ASH+09, AAG+09, BJKF05, CCS+08, EHHK09, FMK+09, HDS+07, HH06b, JET+07, LeB05-76, LeB08f, LLC+07, MTV+05, MSB06, MBF+07, MBF+08, MKV+09, NSO+09, PL06, RMC+05, TTYH09, TMH+07, ZNP+09]. **S-glutathionylation** [AAG+09]. **S-phase** [AH05, CCS+08, JET+07, PL06]. **S2** [VSG09]. **S365** [SMRS+07]. **SA1** [CS09]. **SA2** [CS09]. **SAC1** [BCR+08]. **Sac1p** [FKB+05]. **Saccharomyces** [AFN+08, BMP08, CCSK08, DTP07, ESZK06, FFT+05, GAS06, KKGD05, NRD+06, TKK+05, TP09]. **Sad1** [BMSJ07, JMG+06]. **Sad1-UNC-84** [BMSJ07, JMG+06]. **SAG** [GBNS07]. **SAG/** [GBNS07]. **Sak** [RRR+09]. **Saka** [Wil08x]. **Salamander** [MLHS06]. **salivary** [Les07q]. **Salmonella** [Wil06n, MES+08, PG06, SHB+07]. **Salmonella-host** [PG06]. **SAM** [SGKP+07a, SGKP+07b]. **Sam68** [PAM+07, PMB+09]. **same** [ZMGC05]. **San** [LK06, WL07, dSW09, HCK+07]. **SAR** [KCE+06]. **Sar1** [BHG+05]. **sarcolemma** [RKN+07]. **sarcomere** [LLH+07, WBL+06]. **sarcoplasmic** [RMP06]. **Sarcospan** [PMC08, Rob08-41]. **SAS** [DMDO08]. **SAS-4** [DMDO08]. **satellite** [HLK+07, JTN+05, MLHS06, NPMZ06, SLV+07, Wel05-29]. **satisfied** [BYR08, OLH+08]. **satisfy** [YKBR09]. **save** [LeB06a, Les08-61, Les08-62]. **saves** [Rob08-38, Tum05-62, Wil09i]. **Saving** [Wel05-58]. **saviors** [Wil06j]. **says** [LeB05n, Rob08-52]. **SC-35** [SBJ+07]. **SC35** [SRBL06]. **scaffold** [BZHA+08, EYB+06, GTHK05, MTL+06, PFD06, Pow05e, SWL+05, TKB+06, Wil07-60]. **scaffolding** [RKN+07, WJM05]. **scaffolds** [LGDN09]. **scale** [BEN+05, DR05, HKP+09, Wil07-45]. **scales** [ELM09]. **scaling** [BBM+07]. **SCAPER** [TWC+07, Wil07-56]. **Scarred** [LeB07-54]. **Scattering** [Tum06-40, dRKD+05]. **scavenger** [DSLY+05]. **Scc3** [CS09]. **SCF** [FBJB+09, RRR+09]. **SCG10** [TÖL+06b]. **SCH9** [MGW+08, MWY+09]. **schizophrenia** [CFH+08, Les08-49]. **Schizosaccharomyces** [CBZY08, GCM09, LB08, RGCWG09]. **Schwann** [BTP+07, GKN+07, Les08-60, LLM+05, MEG+07, MMT+05, NZQ+07, PBB+09, PT07, YMCT08]. **science** [HdM09, LeB07-53, LeB09c, Sho09u, Wil08j]. **sciences** [VD09]. **Scientific** [RVH08]. **scientist** [Wil07c]. **scientists** [Mel09]. **sclerosis** [KR07, MSH+05].

sclerosis-associated [MSH+05]. **scope** [HS09a]. **Scoring** [Sed08m]. **Scott** [Wil07-57]. **Scramblases** [AEJ+06]. **screams** [Pow06l]. **screen** [FMA+09, Pow05d, YSB+07]. **Scribble** [QCGM05]. **Sculpting** [deC09]. **SDH** [CMD+08]. **SDT** [MBJF+08]. **sea** [Wel06-44, WNF+05b]. **seal** [Wel05-52]. **seals** [Pol08]. **seamless** [WC07a]. **search** [AS09, PT09]. **Sec14p** [VCN+05]. **Sec14p-nodulin** [VCN+05]. **SEC18** [JWSS05]. **Sec1p** [CCS+06]. **Sec1p/Munc18** [CCS+06]. **Sec3** [ZOH+08]. **Sec4p** [GAG+06]. **Sec5** [SORM05]. **Sec6** [BLP+05]. **Sec61** [ASB+05b, LeB05-53]. **Sec61p** [CJMG05, Poo09, SS08a]. **second** [BAdSG05, OIFN+07, YSSH+07]. **second-phase** [OIFN+07]. **secret** [HB08]. **secretase** [IDTT+09, KKC+07, SRD+07, Wil07-61]. **Secreted** [EFCP07]. **Secretion** [LeB05-86, BSF+08, HXZ+07, HGJ+08, LeB05-27, LSR07, LBG+06, MKH+07, Rob08-27, RKB+07, SRL+06, TPA+08, Tum06z, Tum06-53, Wel05-50]. **Secretory** [TCW+06, AOT06, AMS+05, DR07, FML+06, FHS+07b, GOM+09, GAG+06, KKC+07, KES+09, Pow05j, Sed07b, SRD+07, ZKN+06]. **secrets** [DOVD08, Sed09h, Wil07-31]. **Securing** [Pow09c]. **security** [Ros08a, Ros08b, Wil06n, Wil09q]. **SecY** [COC+05, LeB05-73, SNA+07]. **Sed5** [SSP+07]. **see** [Rob08g]. **Seeing** [Bon05h, Nor06, Tum05-61, Wel06-49]. **seek** [Smi07]. **segment** [BHY+08, HXO+07, HOR08, Poo09]. **segments** [DZG+07, KMS07, NPBP07, OTH+07, Tum06q, YOHR07]. **segregate** [PMW05]. **segregated** [WBK+06]. **Segregation** [KES+09, VMKW+08, Wel06-50, CM07, CGJ09, HGJ06, HP05, KKM09a, KCH+06, Les09p, MTRJA05, MFH05, MPLF+09, MJG07, OOS07, OOS09, YRSM+09]. **seipin** [FSG+08]. **SEL1L** [MLP06]. **select** [WHOS06]. **selectin** [LYK+06]. **selection** [KBC+07a]. **Selective** [LeB06-63, MHM+05, Nyb05i, TDT+08, BIH+05, BIH+07, HSY+06, KYK+06, dGSWW+06, iYOW+06]. **selectively** [FWC+07, LCvD+08, LYY08, NTSY08]. **Selectivity** [LeB05-87, CLL07]. **Self** [Bas07b, LC09, Les07-60, RYN05, Rob08-42, SS08b, Wil07-58, BTD+07, HK05, JAV+07, LeB07-33, Les08k, Lin08, NCB+08, NCB+09, NS06, Pow09b, SAM+07, SRQL09, THL+06, TD08, Tum06a, WLPB+09]. **self-antigens** [LeB07-33]. **Self-assembly** [Rob08-42, SAM+07]. **self-association** [NS06]. **Self-eating** [Bas07b, SS08b, Wil07-58, Les08k]. **self-incompatibility** [Tum06a]. **self-incompatible** [THL+06]. **Self-organization** [LC09, RYN05, HK05]. **self-preservation** [Pow09b]. **self-renewal** [BTD+07, JAV+07, Lin08, NCB+08, NCB+09, SRQL09, WLPB+09]. **Self-starting** [Les07-60]. **selfish** [CGJ09]. **Sem1** [FKJ+09]. **Sema2-mediated** [WZC+08]. **Semaphorin** [GMM+08, OKN06]. **seminiferous** [WC07a]. **Senataxin** [SBC+07]. **Sending** [DR07, Wel06-51]. **sends** [LeB08q, Pow06b, Sho09h, Sho09i]. **senescence** [FSTI06, MYO+05, MZH+08, SSS+08a, Wil06l]. **senescence-like** [MYO+05]. **SENP3** [YWM+08]. **SENP5** [YWM+08]. **sense** [Ros08a, Ros08b, SR07]. **senses** [Tum06a, Wil07-29]. **Sensing** [Nyb05j, LeB05-97, LeB05-90, LeB06b, LeB08k, RVBZ+08, SH05, TJC06, WOP+06]. **sensitive** [BRY+09, MMM+05, NFI+09, RCM+09]. **sensitivity**

[MLH+06, PMK+05, WNL+09]. **sensitization** [HPH+05, TDT+08]. **sensitize** [VCC+08]. **sensitizes** [DDO+08, FLA+08]. **sensor** [FBD+08, Har08, KIKI+07, NJS+06, RKvdK+09]. **sensor-1** [NJS+06]. **sensors** [Bas07e, DCA+06, FSH08, GRC+05]. **sensory** [DNG+06, ESG+06c, KKM09b, KBGG+08, SSJ+07]. **Senthil** [Sed09k]. **Separase** [QU08, WWK+06, KYK+06, NAF09, Tum06o]. **separase-regulated** [NAF09]. **Separate** [Les07-61, DBD+09, LeB05-49, TWG+09]. **separately** [Les09y]. **Separating** [LeB05-88, RGL+09]. **separation** [KPS+07, MTV+05]. **Septin** [LFS+05, GTHK05, LYTL07, SHH+08]. **Septin-dependent** [LFS+05]. **Septins** [LeB08-27, MPL+07b, Wel06-55]. **septum** [NSO+09]. **sequence** [CWM+09, NS07, SLP+06]. **Sequential** [OIT08, PRK+07, PRK+09, DBW+06, KKK+05, RCS+09, RvVM+08]. **sequestration** [LFL+05]. **Ser273** [NWB+06]. **SERCA** [GDA+08]. **serine** [LCR+05, NEF+06, SDC09, WHC+07]. **serovar** [SHB+07]. **Serpin** [KNKH06]. **Serum** [LeB06-64]. **serve** [BVGA+05, DNG+06]. **serves** [BHY+08, HSLI09]. **set** [Wel05-53]. **Set7** [TMH+07]. **SET8** [JET+07]. **sets** [PMK+05]. **severe** [RMR+09]. **Severing** [Tum05-62, EGR+05, MTH+06, RMV06, SSK+09, WEL+07n, ZRBS07]. **sex** [DLT+07, MBdR+08]. **Sfi1p** [LSC+06b]. **Sgk3** [AOP+05]. **SH2** [LSdWL07, SDD+07]. **SH3** [RGCWG09]. **shape** [Bon05f, DL08, DJV+05, FvD08, LHS+05, LeB06-65, LeB07r, Les06k, Rob08q, Sed08h, SDI+06, Tum05-64, Wil07-59, Wil09j, WAW08]. **shapes** [LeB05-29, LeB05-34, LeB08h, Rob08-44]. **shaping** [WWL07, Sed08h]. **share** [Les08n, PPA+08, Rob08-54]. **Shc** [LSIT+08, Rob08d]. **shear** [Tum05c, ZXM+06]. **shear-** [ZXM+06]. **sheath** [WTE+08]. **sheaths** [Tum05-36]. **shedding** [DLBSD+05, OHH+06]. **sheds** [Sho09-50]. **sheet** [PVJJ07]. **sheet-to-tubule** [PVJJ07]. **Sherwood** [Sho09q]. **shields** [LeB07-50]. **Shiga** [FHS+07a]. **Shigella** [INB06]. **SHIP2** [ANI+07]. **SHIP2-dependent** [ANI+07]. **shock** [KFK+05, MG08a, YOY08]. **Shoichiro** [Tak06]. **Shootin1** [STU+08, TSK+06]. **Short** [Les08-46, CWM+09, LeB07m, Les07-39, SS08a, SCFKB07]. **short-lived** [SS08a]. **shortage** [Les07-74]. **shortening** [Cho09a]. **shorter** [BLL+06]. **shot** [Les06x, Sho09-44]. **Shotgun** [SMSPK08]. **Shotgun/E** [SMSPK08]. **Shotgun/E-cadherin-mediated** [SMSPK08]. **Show** [RVH07, Les07-68, Les08-37]. **shows** [Rob08-53]. **SHP** [FBY+06, LPN+08, MKV+09]. **SHP-2** [FBY+06, LPN+08, MKV+09]. **SHP2** [RFBB07, BCT06, LC08b]. **SHPRH** [MSM+06]. **Shr3** [KGL07]. **Shrinking** [Bas07c]. **Shuffling** [LeB08-28]. **shugoshin** [HCK+07]. **shugoshin-independent** [HCK+07]. **shui** [Les08t]. **shut** [LeB06-83]. **Shuttling** [ERS08, DDB+05, FFS06]. **side** [HMM+05, Les07-68, Les07-74, Les08-37, ONW+07]. **sides** [Di 08]. **sight** [Wel05f]. **Sights** [LeB06-66]. **Signal** [MBR+05, Tum05-63, ASH06, AMS+05, ABSK06, BSK07, CKX+08, CHO+09b, FN06, GXJF07, GH05, GGBV+07,

IBS+05, KP08, KNT+07, LJA09, Les06o, MPL+07a, NS07, PGP+07, SMH07, oSCW07, SPK+09, SL05, TSK+06, Tum05-79, WBG+08]. **Signal-mediated** [MBR+05]. **signal-regulated** [GXJF07]. **signaler** [RW08e]. **Signaling** [AACS+06, CNMM+06, LeB05-89, LeB06-67, Rob08-43, Tum05-64, AOP+05, AWR+07, AG09, ASHD+05, ADC+07, BLT+09a, BWL+08, BKE+07, BHJ+05, BCT06, BCR+08, BMRP07, BCC+09, BPL+08, BSH+07, CKKG05, CLS+06, CTP+09, CZSG08, CLG+07, CWC+07, CTO+08, CCL+07, DXC+08, EPV+05, EYB+06, FKB+05, FZT+07, FBY+06, FMA+09, GPN+06, GCSG+05, GSiK+09, GCS+07, HLM+08, HPT+07, HBK+06, HCRT08, HGK+06, Hor09, HWJ+08, HPH+05, JGAS08, JD06, JGL+06, JMG08, JHY+08, KRZ+08, KKH+06, KBY+08, KZC+08, KWS+08, KBW+06, KGKV07, KRP+09, KKW+09, KAD+08, KLW+05, KKW+05, KLV+08, KCOS06, LJR+05, LNG+05, LPG+07, LGDN09, LOG+06, LJS+09a, LDKT06, LSG+06, LYWK08, Les07-75, LLM+05, LMHT08, LCB+08, LSC+05, LTAM+09, LFL+05, LCL+05, LGG+05, MCF+05, MAH+05, MDC05, MYMH09, MCRVC+08, MZ08, MRD+08, MOM+06, MZH+08, NPMZ06, NSM05, NBM+08]. **signaling** [NPV+07, NBS+08, NNS+08, PRZ+08, PMK+05, PLR+06, PBD+06, Pol08, Pow07j, RCS+09, SKM+08, SRN+07, SB06, SHX+07, SXH+06, SHjC+07, SOC+07, SLV+07, SSAD08, SFEK07, SLNS06, TTK+06, Ter06, TRS+08, THN+06, pTyLZ+09, Too05, TDG+06, TLK+06, Tum06n, Tum06-29, Tum06u, VDA+08, VKGV08, VSR+08, VCC+08, WBC+06, WLC08, WNL+09, WBK+06, Wel05-54, Wel06d, Wel07k, WCN07, Wil07h, WSB+09, YCR06, YBT+09, iYOW+06, YLM06a, YR09, ZHI+08]. **Signaling-dependent** [CNMM+06]. **signalling** [CTGVGFF08]. **signals** [BMR+08, DDH09, GRC+05, HLA+06, HSK+05, KDV+09, LDGK08, LLR+05, LSIT+08, LGG+05, Mua05, OIT08, Pow06d, Sco08, SFC+08, Sho09h, SWI06, STMG05, TG05, VWK+06, Wil09j, Wil09r, ZDMD06]. **signatures** [OV09]. **significance** [CCC+05, CRV+06]. **signifying** [Wel06o]. **SIK** [KLV+08]. **silences** [MDC05]. **silencing** [GLS+09, GSV07, HKLM06, HKLM07, KHW+07, KHW+09, LN07, Les07k, LTK09, MBdR+08, Rob08-38, Wil07-31, Wil07-65]. **silent** [HPH+05, Rob08-51]. **Silnoon** [JLC08]. **Similar** [XC08]. **Simons** [Sed08j]. **Simple** [LeB05-90, Rob08-44, TTNA+06, Les07-62, OIAT06]. **simplex** [CTS+06b]. **SINEs** [Pow07i]. **Single** [EMD+08, SN05, BB05, BJZ+09, DGG+08, Heu05, KGH+05, LeB05-47, NTHN+08, PCV+08, Pow07f, SFEK07, SFS+07, Wel06-31, WNF+05b, ZMA+07]. **Single-molecule** [EMD+08, DGG+08, SFEK07, SFS+07]. **sink** [KRP+09]. **Sir** [Wil08u]. **SIRT1** [Les09-32, YMDL09]. **SIRT2** [Les08-47, PLH+08]. **Sister** [HS09b, JGY09, KPS+07, Les09-34, TKSNG07, WWK+06]. **sisters** [Les07-35]. **Sisyphean** [LeB05-91]. **sit** [Wil07-40]. **Site** [KBC+07b, BKE+07, CVACF07, DKR+06, GCF+05, JBF+08, MSM+07, MRK+07, PCG+05, PPBF08, YBT+09, ZHI+08, PXD+07]. **Site-1** [PXD+07]. **Site-specific** [KBC+07b]. **sites** [ABSK06, BJLM+05, BKLT+08,

DPL+08, DNG+06, EMPK+07, HHZ+08, JS07, KSA+05, KKK+05, KZS07, KCD+06b, MRL+08, PGP+07, PS08, SGKM08, SDC09, TCW+06, TDG+06]. **Sitting** [Tum06-41]. **situ** [BSM+08, PGL+09]. **Size** [Les08-35, DBvdW+06, ELM09, FSG+08, GMW+05, GPC+06, GL06, HG07, LD07, NN07b, Nyb05a, PFD06, Tum06-44]. **size-wise** [HG07]. **Sizing** [LeB06-68, Les07-63, Sho09-51, HW09]. **Skating** [Pow06k]. **skeletal** [BWL+08, BLL+06, CMN+08, DLT+07, DFB+07, DFA05, FBY+06, FKS+06, GSB+06a, GXJF07, GEN+06, GNE+07, LPWP+07, Las09, LSG+06, LRS05, MLHS06, NRJ+09, RMP06, SDL+05, ZMW+08]. **skeletogenesis** [HGK+06]. **Skeleton** [Les06z, MFM+06, NFZ+09]. **Skeletons** [ZHS06]. **Ski** [JGAS08]. **Skin** [Bas07d, CJW07, Fuc08, CBM+07, CTP+09, FKML+06, GBNS07, KSE+07, LeB07-56, LeB07-61, Les07-29, NMV+07, OTM+07, Sho09u, Sho09-53, dGSWW+06, THN+06, WBC+06, WPWF08, WSB+06, Wil07v, Wil09s, WHM+07, WPDZ+06]. **Skin-based** [Bas07d]. **skinny** [Wel05-39]. **Skp2** [RMC+05, YWRA07]. **Skps** [LeB05-76]. **slam** [Sed08m]. **slate** [Wel05-69]. **SLC3A2** [FZT+07]. **Sleuthing** [Sed07b]. **Sli15** [JhKC08]. **Sli15/INCENP** [JhKC08]. **slides** [LeB07-47]. **sliding** [GWS09, LeB06y, MT07]. **Slik** [CKG+08, HF06]. **slime** [Les07-60]. **Slingshot** [NTY+05, WHB+07]. **slippage** [BYR08]. **slips** [LeB05-39]. **Slit** [HB08, SMSPK08]. **sloppy** [Les07-64]. **Slow** [LeB07-55, Les08-48, Les08-49, Wel06-52, KHWC08, LeB06-71, Tum06-42, Wel07a]. **Slow-moving** [LeB07-55]. **slowdown** [Les08-50]. **slowly** [HlQY+06, Wel05-28]. **slows** [Wil07-56]. **Slug** [NFC+08, MMS07]. **sluggish** [Wil09p]. **Sm** [AHM+05, GTO+07]. **Sm-class** [GTO+07]. **SMA** [Wil07e]. **SMAC** [LMS05]. **Smad** [KKW+09]. **Smad1** [YBT+09]. **Smad2** [YBT+09]. **Smad3-dependent** [ZBKJ07]. **Smads** [XYC+07]. **Small** [Les07-65, PAV+06, BLC05, DG08, HFF07b, MYMZ08, PNB07, SWG+05, TTO+08, Tum05v, VBL+05]. **smart** [Wel05-61]. **SMC1** [AJR+09, NWR+08]. **Smell** [Wel06-53, Nyb05k]. **SMK** [KHW+07, KHW+09]. **SMK-1** [KHW+07, KHW+09]. **SMK-1/** [KHW+07, KHW+09]. **SMN** [PGO+07, PGO+07, RGW+07]. **smooth** [BYK08, GPC+06, HLA+06, SYA+08, Xia06]. **Smoothened** [MSR09]. **smoothes** [Wel06-34]. **SMRT** [SLMK08]. **SMSr** [VTT+09a]. **Smurf1** [SGMPV07]. **Smurf2** [ORM+08]. **snail** [Sho09v, BYF+05]. **Snail1** [RLH+09]. **Snail1a** [LHM+09]. **SNARE** [CCS+06, DXC+09, FSP+07, GEP08, HJ06, HAAHD05, JKKM08, SYM+08a, SM09, SSP+07, VBSM06, WP08, YNL+08]. **SNARE-dependent** [JKKM08]. **SNAREs** [GHY+05]. **snatching** [Pow06c]. **sneaks** [Wil06n]. **snoRNA** [ZKG+08]. **snRNP** [Les06m]. **Snx3p** [SSSB07]. **Soaking** [Tum06-43]. **Society** [LP05, LK06, LW08, WL07, dSW09, Wil07c]. **sodium** [BH08a, BFB+08]. **Soleil** [Ban09]. **somatodendritic** [YWK+08]. **some** [LeB07-27, Sho08]. **something** [Rob08-39, Tum05-73, Wel06o]. **Sometimes** [Tum06-44]. **somite** [RHMW+05]. **Sonic** [LYWK08, WMM+09]. **soon** [LeB06t]. **SopB** [MES+08]. **Sopping** [LeB08-29]. **sort** [DR07]. **Sorting**

[LeB05-92, WvdLH+07, API+07, CG06, CSSE06, DHT+09, EMPK+07, FSP+07, FN06, GC07, GKN+07, JWG+07, JWSS05, LJA09, LeB05-71, LeB07-35, LYH+05, LDGK08, LNL+08, MSECB05, MNH05, NZQ+07, PCR+07, PBB+09, RHMW+05, SOW+09, Wel05-37, vBDF+09, Sed09l]. **Sos** [KSK+06]. **Sos-mediated** [KSK+06]. **sound** [LeB08f, Wel06o]. **source** [Tum05i]. **sources** [Tum06-48]. **Sox** [GGE+09]. **Sox17** [SAD+09]. **Sox2** [MAH+05, SAD+09]. **Sox8** [SSH+05]. **Sox9** [BDP+07]. **SP** [BXN+06]. **space** [HK07, SDI+06, SPK+09]. **Spaced** [Tum06-45]. **spacing** [PFD06]. **span** [KMS07, KHB+05]. **spares** [LeB07-27]. **spark** [WBK+06]. **sparks** [Mel06, Tum06c]. **Spartin** [EYB09, Sho09-31]. **Spartin/SPG20** [EYB09]. **Spastin** [Wil07-59, EGR+05, WEL+07n]. **Spastin-mediated** [EGR+05]. **Spatial** [BJLK+06, CCC+05, ELD+08, HHT+07, MIBT06, NTY+05, WWS05b, BLR+06, FKML+06, HSLI09, MJG07, SH05, TTE+07]. **spatially** [EMMN+05, HCC+07, KZC+08]. **Spatiotemporal** [LFMO+09, AWR+07, HTYNK09]. **SPB** [Wel06-54]. **SPDL** [YWEK08]. **SPDL-1** [YWEK08]. **Special** [LeB07-56]. **Specialized** [KL05, LeB06-69, GAS06, HXO+07, XC08]. **species** [BKE+07, MCA+06, MAK+06]. **Specific** [BJZ+09, FHNG05, FHS+07a, KKH+06, NS06, BLH+09, BLC+09, BAR+08, FCB+09, FCB+19, FSH08, GTX+06, HLM+08, HGJ06, HXZ+07, JGAS08, JLB+05, KLS+06, KBC+07b, LJA09, LJS+09a, MM08, MGK+09, OSS+07, PCG+05, RRA+09, SN05, SSSB07, dGSWW+06, TW07, TMBL+08, VCSG07, XNM+09, YKH+08]. **specifically** [GGB+08, KPM05, Rob08-43, SLZ+06, WvNS+07]. **specification** [AWE+05, BBvD05, DLL+08, Kat06j, KWS+08]. **Specificity** [Ter06, KSpLL06, LLW+09, NS07, RAS+07, RAS+08b, YNL+08]. **specifies** [WNB08]. **specify** [LRJY06]. **specifying** [SAD+09]. **speckles** [BGdN+08]. **spectraplakins** [SRE+05]. **Spectrin** [Bon05i, DBDD06, BBM+08, HJB07, JRZ+07, MPD09, YOHR07, PFD06]. **spectrin/ankyrin/microtubule** [MPD09]. **spectrometry** [TMBL+08, Wil08g]. **spectroscopy** [HKV+05]. **speed** [GSJ+08, Kat06j, LeB06-47, LeB08-27]. **Speeding** [Tum06-46]. **speeds** [Wil07-56]. **Speedy** [Wil09p]. **spell** [Les07-41]. **sperm** [WNF+05b, Tum05-65]. **spermatogenesis** [PMB+09, SMM+08a, WC07a]. **spermatogonial** [WLPB+09]. **spermiogenesis** [GER+07]. **SPG20** [EYB09]. **spherical** [SWL+05]. **sphingolipid** [FMA+09, NPMZ06]. **sphingolipids** [KES+09]. **Sphingomyelin** [VTT+09a]. **sphingomyelinase** [ZJH08]. **sphingomyelinase/ceramide** [ZJH08]. **sphingosine** [SWH+06]. **Spill** [LeB06-70]. **Spin** [Les08-35]. **spinal** [HFY+06, JBL+07, RGW+07, SSJ+07]. **Spindle** [Les08-35, MTRJA05, Rob08b, YKH+08, ACsHS08, BJKF05, BH08b, BYR08, BBM+07, BGP+06, BBL+08, CFU+09, CGGT09, CLG+07, DPP+07, DHR+08, FDM+08, FDV+06, GHM+08, GNV05, GMZ+08, GSV07, HH06a, HRB+06, HBN+09, JKDH08, JWC+08, JMG+06, JSFP08, LeB06-86, LeB08e, Les08i, LSC+06b, LFW+09a, LFW+09b, LFMO+09, LZ09, MPL+07a, MS09,

MD09, MAOM06, MDPG07, MHFH06, NRD+06, NdCF+05, OLH+08, OLKK09, ORM+08, Pow05o, Pow07b, RGL+09, ROKG08, RBJL06, Rob08-29, Sed07f, Sho09-44, Sho09-42, SHC09, TTYH09, TLDB08, TKKT07, TWG+09, UTK+09, WS09, Wel06c, Wil07j, WF05, WF06, WF07, WOWB08, yYMM05, YCM+08, YGR+08, Yu06, ZCJ+08, ZHYE08, Les09-33]. **Spindle-independent** [MTRJA05]. **spindles** [CBIO05, LeB05-83, TLDB08, UHM+08]. **Spindly** [GSV07, LeB07l, CFU+09]. **Spine** [LeB08-30, BMRP07, GTX+06, HLS+09, HZR05, IDTT+09, LLHH07, NBS+08, PKJS+08, SSD06, TSN+07]. **Spines** [CFBM05, LeB05-93, LeB06-71, Bas07c, Wil07p]. **Spinning** [Wel06-55]. **spinogenesis** [CHH+08]. **Spinophilin** [BUJ+08, SX08]. **spirals** [IPM+05, Tum05-37]. **Spire** [QHB+07]. **Spitz** [LeB06-72]. **spliceosomal** [PNB07]. **spliceosome** [Rob07h]. **Splicing** [CVACF07, PNB07, ELD+08, KHBV05, PAM+07, Rob08g, SCF+07, Wil08b]. **Splicing-** [CVACF07]. **Splicing-independent** [PNB07]. **Split** [Wel05-59, Les07-70, Rob08w]. **Splitting** [Les07-66]. **spoke** [DS07]. **Spokes** [LeB08-31, YOY08]. **spondin** [ZMA+07]. **spontaneous** [EFG+05, JMB+07, LeB07-60, MSLS07]. **spontaneously** [YWJ+07]. **Spore** [TKK+05]. **spores** [Tum05o]. **sport** [LeB08-33]. **spot** [Wel05-29]. **spots** [LeB05-31]. **spread** [Kat06b, LeB08t]. **Spreading** [LeB06-73, FSG+07, HOM+05, Wel05t, Wil07-50]. **spreads** [Sho09-50]. **Spred2** [MYMH09]. **spring** [LeB08e]. **springs** [Wel06-69]. **sprinkled** [Pow05v]. **spur** [Les07b]. **spurt** [Les09w]. **Spying** [Too05]. **SQSTM1** [BLB+05]. **squamous** [KNKH06, LBH+05]. **squeeze** [Les09-30]. **squeezed** [Kat06d, LeB06-83]. **Squeezing** [Wel05-60]. **SR** [BJZ+09, LeB08-32]. **Src** [BCT06, CTY+06, CCP+08, DBR09, GGEd+07, MKV+09, MDW05, SYKM08, SDD+07, VSR+08, ZTZ+09, ZKR+07, OIT08]. **Src-** [DBR09]. **Src-induced** [SYKM08]. **Src-like** [MDW05]. **SRC1** [RW08c, GFC+08]. **Sro7p** [GAG+06]. **SRP** [JCMG08, LeB05-63, Les05b]. **Srs2** [BLA+09]. **Ssy1p** [WOP+06]. **Stability** [LeB05-94, BLC05, BHK+06, CKG+08, CZD+09, DJV+05, EHHK09, GOM+09, HBD+05, HBN+09, LeB07-51, Les09m, MPD09, POG+09, PGO+07, PPBF08, SSP+07, Sho09j, SLR+06, TLDB08, TMH+07]. **stabilization** [LYV+08, PMC08, SBF+06, WNB08, YGR+08, qGyWX+08]. **stabilize** [BKHR05, HT08, VWK+06, YKBR09]. **stabilized** [DMDO08, Heu05, Rob07c]. **stabilizer** [Wil09e]. **stabilizes** [BMS+08, HCK+07, SDC09, Tum06-47, WCB+08, ZKG+08, ZMH+09]. **Stabilizing** [Tum05-66, Wil07-60, LeB06-39]. **Stable** [CNM+05, FVSC08, FvD08, ASH+09, OF08, VMSV08, WZM07, Wil07b]. **stably** [GNE+07]. **stage** [GBNS07]. **stage-dependent** [GBNS07]. **stages** [HXZ+07, MBL+07, OYM+09, SYA+08, SCK+07, TCKV05]. **stalk** [LLW+09]. **stalled** [Tum05-67, YM09]. **Stalling** [Wil07-61, FPP+08, Pow07j]. **stalls** [Tum05-67]. **stand** [Les08-51]. **Staph** [Tum05s]. **Staphylococcus** [BDR+06, SDS+05]. **Star** [Rob08u]. **start** [Wil07f]. **Starting**

[Les07-67, Hac07, Hat05a, Les07-60]. **starts** [Sho09-43]. **starvation** [HCB+08, KWU+05]. **starvation-induced** [HCB+08, KWU+05]. **starving** [Rob08-38]. **STAT** [KBN+06, WLC08]. **STAT1** [SMW+07]. **STAT3** [KP08, LWC09, SMW+07, NLL+06, Tum06-47]. **STAT5** [DRD+05, XNM+09]. **state** [OD07, PHB+07, PWD+06, QWD+08, SWT08, Yu06]. **states** [CBMCSS08, LLS+09, PMS+07]. **stathmin** [NLL+06]. **stationary** [ABA+06]. **stationary-phase** [ABA+06]. **status** [WMS+06]. **Staufen2** [GTX+06]. **stay** [Les09a]. **Staying** [Wel05-61, Wel05y, Wil09g]. **stays** [Les08-33, Tum06l]. **Ste13p** [FN06]. **steady** [SWT08]. **Stealing** [LeB06-74]. **steer** [WHB+07]. **steering** [OFY+05, Wel05h]. **steers** [LeB07-44]. **Stefan** [Sed07e]. **Stem** [LeB08-33, Les07-68, Les08-50, Les08-51, BTD+07, DL08, DLT+07, DMC+07, EVF+08, Fuc08, HKN09, HMG+08, Hor09, JKCW07, KMK+05b, Kat06g, KAD+08, KLW+05, LeB05-107, Les06a, Les07-79, Lin08, LVG+09, MG08b, MOM+06, NCB+08, NCB+09, OLS08, SBC+05, Sed09i, SCFKB07, SKR+07, SRXvdK06, SAD+09, SRQL09, TMW+05, TCKV05, VFRJ+07, WLC08, Wel06-59, WMSB+06, WPDZ+06, WLPB+09, YF08, ZXM+06, ZNP+09]. **step** [KOVP09, Les07-75, MSW+07, MSW+17, Tum05q, Tum05-74]. **Steps** [Wil07-62, BM07, EVH+07, EVH+08, KIKI+07, LeB05-39, Les07z, MK07, NNK+08, RCS+09, SBJ+07, Tum05v, WP08, ZWO+09, dPMF+09]. **Stepwise** [DKR+06, Wel06-56, JRZ+07]. **stereoisomer** [SHjC+07]. **Steric** [BLC+09]. **steroid** [CLL07, YTB07]. **steroid-induced** [CLL07]. **steroid-triggered** [YTB07]. **sterol** [RIHP06, SCR+09]. **sterols** [KES+09]. **Stick** [LeB07-57, Les09v, Wel06-40]. **sticker** [Sho09i]. **Sticking** [Pow05t, Tum05-68]. **sticks** [Les09l]. **Sticky** [LeB07-58, Tum05-69, Pow05u]. **Stiffening** [LeB05-95]. **still** [DR07, Tum05r, Wel05y, Wil07-27]. **STIM1** [LWBL06, RDY+05, WBLL06]. **stimulate** [MG08a]. **stimulated** [ANI+07, LGH+05, SSD+09, RG06a, SLWA07, WM05]. **stimulates** [CZSG08, HPT+07, LNPC06, LMZ+05, MRD+08]. **stimulating** [GSdBS09, LeB06-75]. **Stimulation** [CCC+06, LMC+09, TDP+06, Wil07-62]. **stimulatory** [DLL+08]. **stimuli** [WvNS+07]. **stimulus** [KOKM07]. **stimulus-induced** [KOKM07]. **Stirring** [Wil08x]. **stochastic** [WLPB+09]. **stock** [EGL+09]. **stoichiometry** [CHSV07, GBNK08a, GBNK08b]. **Stomata** [LeB06-76]. **stonin** [JWG+07]. **stop** [LeB05n, LeB05-80, Sho09-49]. **stop-loss** [Sho09-49]. **Stopping** [Les09-34]. **stops** [LeB06g, LeB06m, Les08-47, Nyb05c, Sed08d]. **storage** [DNK+05, PLLH05, TDG+06]. **store** [CLK+07, LWBL06, RDY+05, WBLL06]. **store-operated** [LWBL06, RDY+05]. **Stra13** [SLV+07]. **Strabismus** [LS09]. **straighten** [Les07f]. **straightjacket** [LYV+08]. **strain** [AFM+05, Sho09-47]. **strand** [BJLK+06, BFCS+07, DCA+06, DG05, KMK+05b, KG05, KCD+06b, MG09, PGW+08, TFC+06b, UWiY+07, YMTC05, YEL+08]. **stranded** [GTX+06]. **strategies** [AS09, LeB06k]. **strategy** [DvRF+05b, KP08]. **stray** [Les07-65].

strays [Les07-77]. **strength** [LeB05-106, MJF+07, ZDMD06]. **strengthening** [AFM+05]. **Stress** [HL06, HCC+07, KSA+05, LeB07-59, Tum06-48, UZ08, BMP08, BWFdL09, DSLY+05, ESZK06, FTB+09, GSJ+08, GPC+06, KRZ+08, LeB05-34, LMC+09, LHRP05, MLV09, MSK+07, MLH+06, NSM05, OMGW+06, SPT+09, SPT+21, SNA+07, Sho09-27, Sho09-51, SL05, SLK+08, SLR+06, TP09, TNS07, Tum05c, Tum06-43, WCB+08, Wel06s, Wil07-29, Wil07-40, Wil09c, WGL+06, YIfHA09, YOSM06, ZPGB+07, KIKI+07]. **Stress-dependent** [HCC+07]. **stress-induced** [WCB+08, YIfHA09]. **stress-mediated** [SLK+08, TNS07]. **Stressful** [Wel06-57]. **Stretch** [Wel05-62, CMF08, MS09, Rob08-29]. **stretch-** [CMF08]. **Stretchable** [Bas07e]. **Stretching** [Tum05-70, UTK+09]. **striatal** [WMSB+06]. **striated** [BYK08, MSV+05, RGW+07]. **striatum** [DCAC05]. **strict** [PVM+05]. **strictly** [FD09]. **strike** [Sho09-41]. **strikes** [Let09]. **stripe** [BLC05]. **stripping** [KRPH08]. **strokes** [YOY08]. **strong** [Rob07j, Sho09-28]. **Structural** [CRV+06, HJ06, LSC+06b, MSH+05, MWSK06, NOH+07, SRE+05, SZX08, WH06, Yu06, CHSV07, CDW+05, GHM+08, JYZL06, Joh09, KKW+05, MSC+07, PWD+06, RXA+08, SDW+09]. **Structurally** [RWB+05, FSS+09, IPM+05, KBS+06]. **Structure** [POGL08, Sed07f, AXM+05, ASH+09, BLC+09, DMDO08, HGR+06, HSY+06, HKP+09, JNHB08, KPR+07a, KPR+07b, KCD+06b, LeB05f, MMC08, MWSK06, OWM05, SB09, SMRS+07, WS09, Wel05-31, Wel06-60, WKCY+08, XMA+09, iYOW+06]. **structure-specific** [BLC+09]. **structures** [DDLC+06, GMG+07, IGFG+08, OHK07, TGH+07]. **structuring** [ADO07a, ADO07b]. **Stt4** [BSA+08]. **Stu2p** [ABvBHH06]. **Stuck** [LeB05-96, Les08-52]. **study** [DGG+08, Sed09m, SFEK07, SFS+07]. **stunts** [LeB07-59]. **style** [Les06-28, Tum05-34]. **subapical** [RKH+09]. **Subcellular** [WXM+05, CBK+06, LZL+05, LMHT08]. **subcompartmentalization** [VBNR06]. **Subcompartments** [MKH+07]. **subdomains** [HGR+06, PCN+05]. **subendothelial** [OSB+05]. **subnuclear** [GLX+09a, GLX+09b]. **subset** [FSS+09, KHBV05]. **substrate** [CAL+07, GGH+08, MGBH+06]. **substrates** [VBL+05, WHR+09]. **subtelomeric** [GFC+08, TFC+06b]. **subunit** [CYY+08, KVC+09, LGBD+07, LFL+05, LYV+08, MFC+09, ToMY+08, ZWO+09]. **subunits** [ÇB09, MSM+07, XLH+07]. **subventricular** [JAV+07]. **subvert** [INB06]. **success** [Rob08v, Wil08n]. **sufficient** [HBD+05, LLL+06, SWB+07, THL+06]. **sugar** [Sed09c]. **sugar-handle** [Sed09c]. **Sugars** [Pow05v]. **suggests** [MMC08]. **suicide** [Wel05-58, Wil07g]. **sulfate** [FWC+07, GS07, KKH+06, KSpLL06]. **sulfatide** [LLM+05]. **sulfatides** [DGZ+05]. **sulfhydryl** [SMM+08c]. **summits** [LeB09c]. **Sumo** [Rob08-45, LM05, LFH07, Sed09b, YWM+08]. **SUMO2** [MAK+06]. **SUMO2/** [MAK+06]. **Sumoylation** [MHFH06, ZS08, MPL+07b, WZM07, CHH+08, HAN+09]. **SUN** [RH09, Tum05-71, WL07]. **Sun1** [LPM+07]. **Sunday** [CKKG05]. **sunlight**

[Wel06g]. **Super** [HW09]. **Super-coil** [HW09]. **superoxide** [KNT+07, MHM+05, MWY+09, MSH+05]. **Supersensitive** [LeB05-97]. **Supersized** [Les08-53]. **Supervillin** [TSN+06]. **supper** [Pow05k]. **supply** [KOKM07]. **Support** [KMK+05b, GHM+08, Les08-34]. **supports** [BGZ+07, LeB05-47, Tum06g]. **suppress** [ASK+09, JMB+07]. **suppressed** [SIL+07]. **suppresses** [KTI+05, MSM+06]. **suppressing** [OLLG05, WC09]. **Suppression** [ERM+09b, WZM+08, Di 08, GSiK+09, KNKH06, LSdWL07, XJF05]. **suppressor** [BvOM+07, BIH+05, BIH+07, HF06, KWY+06, Les06d, LBS+08, SGB+06, ZHS06]. **supramolecular** [HBD+05]. **surface** [AM05b, BLC05, CZM+07, CBG+06, FBO+07, FHMC09, Fuc08, Heu05, HIK+08, JKDH08, LeB08-34, NN07a, PPCZ06, SWT+05, TKB+06, YHD+09]. **surprise** [Rob07h]. **surprises** [Wel06-67]. **surveillance** [BJLK+06, LeB05-65, LFH07, Wil08d]. **Survival** [MZ08, BHK+06, BWFdL09, DFB+07, KR07, hKDH+08, LSC+07, Mal06, ML05, MOM+06, NJS+06, NVEF07, PhXD+06, PGO+07, SCFKB07, STMG05, Tum05-71, VVL+08, XSVGR05]. **survive** [LeB06-49]. **Survivin** [YCX+08]. **Surviving** [Wel06-58]. **susceptibility** [BXN+06, CFH+08]. **SUSP1** [MAK+06]. **Sustained** [XNM+09, BJLM+05, HSB+07, MCRVC+08]. **sustaining** [PMS+07]. **sustains** [BCT06]. **Suv4** [BGJ+07]. **Suv4-20h** [BGJ+07]. **Suzanne** [Sed09l]. **SV40** [SHjC+07]. **Sweeter** [Rob08-46]. **swelling** [KPM05]. **switch** [BWL+08, CCSBM+07, FOB+09, FSG+07, HM08, JTN+05, LeB06-36, LeB07q, MAG05, PEER+05, PKK09, SAD+09, SSAD08, SWM+06, UFY+07, WvdLH+07]. **switches** [KO07]. **Switching** [Sal08, SSZR07, RYD08, SKO+08, SWS+08, WZO+05, Wil08q]. **SYCE2** [BFCS+07]. **SYCP2** [YDL+06]. **Syk** [ZKR+07, CLK+07]. **symmetry** [LeB05v, LeB07-31, Nyb05b, PvdGS06, YWJ+07]. **sympathetic** [HGJ+08, SHX+07]. **Sympathy** [Wel06-59]. **symptoms** [WZM+08]. **Synapse** [Les08-54, AACS+06, BRKR06, Dal09, IKZ+07, KKW+07, LeB07-32, Les08-29, LJY+07, MPD09, Pow05h, SX08, SG09, Sho09f, STP08, TD08, Wel06-61, tDAK+05]. **synapse-associated** [LJY+07]. **Synapses** [LPN+08, BMK+07, BUJ+08, JYZL06, LeB05-51, Les08-49, Les09-34, RWB+05, RBC05, TLK+06, WWO+08, YJJ+09]. **Synapsin1a** [LOWTL+08]. **synapsis** [JGY09, YDL+06, YEL+08]. **Synaptic** [IDTT+09, Wel06-60, AEJ+06, BRKR06, BJML09, DXC+09, FDB+09, GSW+08, HJ06, JWG+07, KKM+08, KKW+07, LOWTL+08, LJY+07, LYV+08, MSLS07, MPG+09, NFI+09, OVL+07, Tum06-40, Wel05p, XLH+07, YJJ+09]. **synaptogenesis** [MAG05, NBS+08, Tum05b]. **synaptonemal** [BFCS+07, YDL+06]. **Synaptotagmin** [AOT06, BJML09, CSB+06, MSLS07]. **Synaptotagmin-12** [MSLS07]. **Synchronizing** [MPLF+09]. **syncytial** [FML+06, PMW05]. **syndecan** [BMR+08, DLBSD+05, ERM+09b, HTKR06, MBR+06, BRM+07, LLHH07]. **syndecan-1** [DLBSD+05, MBR+06]. **Syndecan-2** [LLHH07]. **syndecan-4** [BMR+08]. **Syndecan-4-dependent** [BRM+07]. **syndrome**

[CMK06, PPBF08, YMTC05]. **synectin** [ERM+09b]. **Synip** [YOS+05]. **Syntabulin** [CGS05]. **Syntabulin-mediated** [CGS05]. **syntaxin** [GEP08, HWSJ08, SLM+06, VBSM06]. **Syntaxin5a** [SSP+07]. **Syntaxin5a/Sed5** [SSP+07]. **syntelic** [YKBR09]. **synthase** [BYF+05, FHFB+06, VTT+09a]. **synthase-related** [VTT+09a]. **synthesis** [DTW06, GEE07, HNvD+07, KC09, Les09-27, LCM+08, PKJS+08, SFP+05, SGK+07, SFB09, TPA+08, iYOW+06]. **synthesized** [MG08a]. **synthetic** [HS09a]. **Syntrophin** [LCL+05]. **synuclein** [FCDM+07]. **system** [BTP+07, BMT+07, CWNF+09, DR05, FML+06, GKCM+08, HDR09, LeB06-55, MGW+08, MK07, PBB+09, TM06, WWO+08, Wel07f, YGW06, YBK+06, ZTM+08]. **Systematic** [DZW+08, LeB05-98, BMBD+09]. **systems** [HS09a, HR05, PvdGS06, RM05b, SSZR07, Tum06-34]. **Syt** [LeB07-60]. **Syt-12** [LeB07-60].

T [LeB06-77, Rob08-47, BFF+06, FBD+05b, FBY+06, GCF+05, GMvdKC07, KDV+09, LeB05z, LeB08q, MCRVC+08, MDW05, NNS+08, SCS+05, WSS+06, Wil09j, ZDMD06, SSP+07, VBSM06]. **TACC** [BKHR05, PSS+05]. **TACC3** [KNP+05]. **TACC3/maskin** [KNP+05]. **tactics** [Wil07o]. **Tae** [Wil08v]. **tafazzins** [CMK06]. **Tag** [Les08-55]. **Tagging** [Les05i]. **tail** [HM08, Les08v, RW08a, WHC+07]. **tailored** [IPM+05]. **tails** [BKBM06]. **Taipale** [Sed08i]. **Take** [Rob08-48, LeB05-61, LeB05-60, LeB06-56, Les07-36, Sho09-47, Wel05-43]. **takes** [LCGRB09, Les08-42, Les09-32, Sed09d, Sho09-30, Sho09-54, Tum06v]. **Taking** [Kak08, Les06-27, EGL+09, Sho09o, Sho09-34, Wil07-45]. **talin** [HWS+07, LVL+05, SMH+09, SCS+05, WBP+08]. **talin-dependent** [SCS+05]. **talk** [BPL+05, YTH+09]. **Tam41** [KRG+08, THY+06]. **tamalin** [EYB+06]. **Tandem** [LeB06-78]. **tango** [LCGRB09]. **Tankyrase** [Wil09q]. **Tanning** [Wil07-63]. **target** [BBG+05, GCSG+05, NFC+08, PMB+09, PCMSB09, SN05, SWB+07]. **targeted** [ACsHS08, HCN06, HIK+08, KS08, PPCZ06]. **Targeting** [HAAHD05, tKJCH06, ASH06, BH08a, CLA+05, GBNS07, HHT+07, JKW+09, KFR+08, LSNY08, LS06, LPB+08, MDW05, NFI+09, OVL+07, RAP08, SLM+06, SPK+09, VCD+06, WBT+08, WF05, WXM+05, XLH+07, YWK+08, YHD+09]. **targets** [FCDM+07, HCRT08, HAT+05b, LCvD+08, MOS+09, OLC+07, SCVW09, SDD+07, TAK+09, TST08]. **Tarun** [Sed09m]. **tasks** [Les07-73]. **Tat** [BM07, DR05, Tum05-58]. **Tau** [KKB+06]. **Tau-dependent** [KKB+06]. **Taxol** [YKBR09]. **TB** [Wel05-63, Wel06g, SWM+06]. **Tbx5** [CBK+06]. **TCF** [qGyWX+08]. **TCR** [MDW05, LeB05f, MDW05]. **TCRs** [Tum05-72]. **team** [Les08-55]. **teamwork** [BW06]. **tears** [Tum05-77]. **Tektin** [DHR+08]. **Telomerase** [SCFKB07]. **Telomere** [BMSJ07, hKDH+08, TFC+06b, BGJ+07, CS09, TJC06, TSALS05, Wil09q]. **Telomeres** [LeB05-99, AJR+09, CYO+09, HS09b, JZN+09, LeB07m, LeB08-33, Les07s, Les08-55, Pow06a, SCFKB07]. **telomeres-associated**

[JZN+09]. **telomeric** [DMBF+07]. **Tem1** [GSdBS09]. **template** [HKP+09, LeB05-78, Yu06]. **Temporal** [KKM09b, MTV+05, GHK+09, LWG+05, NTY+05]. **Temporally** [LGH+05, EVH+07, EVH+08, GAS06]. **temporary** [SFS+07]. **tendons** [Les06r]. **tense** [Les07-78]. **Tension** [Bon05j, Wil07-64, GPC+06, HHZ+08, MD09, OLH+08, Rob08k, SRN+07, WL09a, WL09b, WF06]. **tension-dependent** [GPC+06]. **term** [LLL+06, RCS+09, SCFKB07]. **terminal** [BWJ05, BEN+05, KNKH06, MM05, VBSM06, WPWF08, CWM+09, HWN+07, IPAR05, KVS+09, SDS+05, TdVM+07, WEL+07n]. **terminals** [JBL+07, XLH+07]. **Terminating** [TG05]. **Termination** [GRC+05, BPL+08]. **terminus** [BHG+05, MBJF+08]. **ternary** [SMM+08c]. **Terry** [LeB07-61]. **test** [RAP08]. **testing** [Wil07-64]. **Tetanus** [DBW+06]. **Tether** [Wel06-61, FSS+09, KHWC08]. **tetherin** [RKH+09]. **tethering** [LU05, LMZ+05, STBL09, TFC+06b, YSP+06]. **tethers** [HSK+05]. **Tetrahymena** [KPR+07a, KPR+07b]. **tetramer** [BLC05]. **tetraploid** [CGK07, Wel05x]. **tetraspanin** [BZYM+08, EMD+08, LZ08, MWSK06, NKK+06, SKvdBW+06]. **tetraspanin-enriched** [LZ08, NKK+06]. **tetraspanins** [DPMB+07]. **TEX15** [YEL+08]. **TGF** [ADC+07, CTGVGFF08, CCM+07, GG06, JGAS08, KKRP05, KLV+08, LD07, Les07-38, NPV+07, SBC+05, SOC+07, WRMH07, WWC+07, XYC+07, YMD+07, BFG+06b]. **TGF-** [ADC+07, CTGVGFF08, KKRP05, LD07, NPV+07, SBC+05, SOC+07, WRMH07, XYC+07]. **TGN** [BBPM07, NFCF08]. **thaliana** [PST+06, VCN+05]. **Their** [Les08x, BFB+08, CF07, CK07, ÇB09, FFS06, GFC+08, HMM+05, Kat06g, LeB06q, LeB08q, LSM+05, Les07-28, Les07-79, Les08d, Les08-40, Les08-37, Les08-66, Les09b, NTSY08, Sho09k, Sho09x, Wil07-38, Wil07-39, Wil09j]. **theme** [RMV06]. **themselves** [Les08-51, Les08-64, Sho09y]. **therapy** [Tum06t]. **there** [BH08a, Tum05-73, Tum06-49, Wel05-64]. **thick** [CBG+09, Les09x, MQL+06]. **thickens** [KC09]. **thin** [BLL+06, CBG+09, Les09x, MSV+05]. **things** [LeB06-65]. **think** [Ter06]. **Thinner** [Wel05-65]. **Thinning** [LeB05-100]. **thiol** [TRS+08]. **Thomson** [RVH08]. **those** [Wel05-64]. **thought** [Sho09a]. **Three** [AXM+05, KOM07, MMC08, MFM+06, NPBP07, OHK07, ZRBS07, DWMY09, Les07z, MSW+07, MSW+17, RAS+07, RAS+08b, RLH+09, SSHW09]. **Three-dimensional** [AXM+05, KOM07, MMC08, MFM+06, NPBP07, OHK07, DWMY09, RLH+09, SSHW09]. **three-step** [MSW+07, MSW+17]. **threonine** [WHC+07]. **threshold** [PMK+05, RKT+07]. **thrombospondin** [SDN+05b]. **thrombospondin-1** [SDN+05b]. **thromboxane** [PWM+06a]. **throughout** [BGP+06]. **Thrown** [Les07-69]. **thylakoid** [DR05]. **Tiam1** [HOM+05, MRO+05]. **Tid1p** [KKGD05]. **tide** [Wel07m]. **Tie** [WKC+09]. **Tie-2** [WKC+09]. **Tie1** [SKE+05]. **Tie2** [CNM+05, SKE+05]. **ties** [Sho09t, Sho09-42]. **TIF** [GEE07]. **TIF1** [TPZG06]. **Tight** [DG08, Les08-56, MMT+05, Bon05c, CM06, Les09a, MRO+05, PCN+05,

Pow05t, SWT08, SSM05, Tak06]. **tighten** [Tum05-36]. **tightly** [PBD+06]. **Tilted** [Nyb05l]. **Tim** [SFB09]. **TIM23** [THY+06, THS+09]. **Tim50** [THS+09]. **Tim54p** [HCL+07]. **Time** [Kat06i, Les07-70, Sho09-52, Wel05-66, BMB+07, PH07, Sho09-48, WNF+05b, YTH+09, YM06]. **timely** [Les07t]. **timer** [RGL+09]. **times** [BEH+06, MSO09]. **Timing** [Les08-57, CLL07, GCM09, GLH+05, HMG+08, SLCB05, Tum05f, WSG06]. **TIMP** [SBF+06]. **TIMP-2** [SBF+06]. **TIMP-3** [SBF+06]. **TIN2** [hKDH+08]. **TIN2-containing** [hKDH+08]. **tiniest** [Rob08o]. **tiny** [LeB05-33]. **tip** [GFD+05, LSNY08, Wil09b, Vau05, Xia06]. **TIP47** [ASP06, BDW+09]. **Tip60** [KDD08]. **Tipin** [SFB09]. **tips** [LeB05k, MRvD+05]. **tiRNAs** [Wil09c]. **tissue** [BLH+09, CLL07, CG06, JSC08, PGP+07, SBM+07, Sho09-36, TTK+06]. **tissue-specific** [BLH+09]. **titin** [WBL+06]. **Titinless** [LeB06-79]. **TLR** [BSH+07, WPC+08]. **TLR3** [BSH+07]. **TLR9** [SRL+06]. **TLR9-independent** [SRL+06]. **TNF** [GPN+06, MKH+07, NEF+06, PDM+08, VCC+08]. **TNF-** [PDM+08, NEF+06]. **TNFR1** [ZTKK05]. **Tob55** [HWN+07]. **toes** [Kat06g]. **together** [GNL+06, Les07-46, Les08u, Les09y, Rex09, Rob08s, Rob08y]. **Togetherness** [Les06-28]. **told** [LeB06-77]. **Toll** [MLC+06, SRR+08, Les06-27]. **Toll-like** [MLC+06, SRR+08]. **TOM** [Rap05, SGKP+07a, SGKP+07b]. **tomographic** [PGL+09]. **tomography** [MFM+06, NPBP07]. **tomosyn** [BSMT05, SYM+08a]. **tone** [HGJ+08]. **Tony** [Wil08w]. **Too** [Rob08-50, Bon05d, LeB06t, Wel05d]. **tool** [Wil06g]. **toolkit** [RSL06]. **Tooth** [TT09]. **top** [Sho09-34]. **TopBP1** [YM09]. **topogenesis** [KMS07, SDI+06]. **topography** [DWMY09]. **topological** [JLB+05]. **topology** [BXHD08, Wel06b]. **TOR** [GEE07, HCN06, JHY+08, WLE09]. **TOR-mediated** [WLE09]. **Toronto** [Wel06o]. **torsinA** [GD05]. **Tortoise** [Wel06-62, LeB05-89]. **total** [MYO+05, Sed08e]. **Totally** [Nyb05m]. **touch** [Les07-52, Rob07m, Sho09-38]. **toxicity** [IPC09, MSH+05, SNG+05, WZM+08]. **toxin** [ALvdG06, DBW+06, FHS+07a, GMG+07, SZL+09]. **toxins** [RHMS05]. **TPX2** [BH08b, OW06]. **traced** [WPDZ+06]. **track** [LDVV06, WTH05]. **tracking** [SFEK07, SFS+07, Sed09i, Sed09h]. **Tracks** [Wel06-63, BKLT+08, LeB08-27, Les07-76, Wel06-29]. **Traction** [GSJ+08]. **TRAF2** [VCC+08]. **Traffic** [HFP+05, Les08-58, BFG+06b, BBF+07, CZP+05, DP08, GOM+09, GT08, LeB08o, Les09q, LGV08, PAV+06, TTK+06, Wel06q, Wil09r]. **Trafficking** [LeB08-34, AWR+07, BHY+08, BCR+08, CWC+08, DGZ+05, FDB+09, FN06, FCB+09, FCB+19, GMG+07, JLC08, KP08, KBR+08, LBC+07, MW06, NHK+08, NFCF08, PLLH05, SS06a, Sed09l, TMH+05, Tum05-78, Tum06-32, VLFA+07, WRP+06, WBE+08, Wel05v, WP08, WSB+09, XGX+09, ZL05]. **traffics** [GDR+05]. **trail** [Les09f, Sed08c, Wil09h]. **Trailer** [DP06]. **trailing** [KBR+08]. **trains** [PGL+09]. **trans** [GEP08, KVS+09, KES+09, LeB05-46, NSM+09, Poo09, WHOS06, vBAS+07, vBDF+09, SM09, Sho09-32].

trans-binding [KVS+09]. **trans-endothelial** [vBAS+07]. **trans-Golgi** [GEP08, KES+09, WHOS06, vBDF+09]. **trans-membrane** [Poo09]. **transactivates** [SWH+06]. **Transcribing** [Rob08-51]. **transcript** [LeB06-78, PS08]. **Transcription** [LeB08-35, MTRD+06, McN09, AG09, BYF+05, BZA+06, BBG+05, CMD+08, CDW+05, CVACF07, DKR+06, GGE+09, HMS+08, HKP+09, JBYW06, KBN+06, LG07, LG08, MMS07, MOM+06, MRK+07, NTB+06, PS08, PV06, RGA+06, SSH+05, TPZG06, Tum06m, WBG+08, Wil07-30, XC08, YAV+05]. **Transcriptional** [AWE+05, HlQY+06, Wel06-64, BMB+07, DTR+05, KTI+05, KS08, LeB06-81, LTDH05, MGR+05, SLMK08, STL+07, Sho09-35]. **transcriptionally** [HHY+08]. **transcripts** [LWHC08, PNB07]. **Transcytosis** [AMS+05]. **transcytotic** [TMY+09]. **transduce** [KDV+09]. **transducing** [KNT+07]. **transduction** [BKE+07, CKX+08, Les06o, SMH07, SL05]. **transepithelial** [KSR+08]. **transfer** [BUJ+08, FHS+07b, Lev07, SCR+09, Sho09-37, VCN+05, WRKC+09]. **transferase** [OVL+07]. **transferases** [FHFB+06]. **transfers** [Lev07]. **transform** [KGDR+07]. **transformation** [BHJ+05, PVJJ07, YMDL09]. **Transformed** [LeB05-101, DHML05]. **Transforming** [TVP+06, Wil06o]. **transforms** [GCSG+05]. **transgenic** [RP05, YAV+05]. **Transient** [CTY+06, Wil07-65, BDR+06, WJM05]. **transiently** [SFEK07, SFS+07]. **transients** [PMW05]. **transit** [CCC+06]. **transit-peptide** [CCC+06]. **Transition** [RM05a, GHK+09, HHY+08, IPG+05, LD07, LDKT06, LJM+07, MSO09, MMS07, TVP+06, WWC+07, ZNP+09, ZMH+09]. **transitions** [HJ06, PWD+06]. **translated** [LeB08-35]. **translates** [MPL+07a]. **Translation** [LeB07-63, SGK+07, KII+08, LeB06-78, LSC+07, Les05d, MGBH+06, MKSJ06, PMB+09, RSSC06, WGKA+08]. **Translational** [NMZ+09, WIL+05, XKYW07, YIfHA09, dPMF+09]. **translationally** [HCC+07]. **translocase** [KGM+07, Poo09, WvdLH+07]. **translocating** [COC+05, KMS07]. **Translocation** [DDH09, BYMB06, COC+05, CJMG05, DGG+08, DR05, FM05, HNvD+07, IBS+05, JCMG08, KBN+06, LWC09, MCRVC+08, MDET08, NYI+05b, Rob08-50, oSCW07, TW07, yYMM05, vKST+07]. **translocational** [HK08]. **translocator** [KRG+08, THY+06]. **translocators** [THS+09]. **translocon** [ASB+05b, JCMG08, Joh09, LeB07a, LeB08-32, Ska07]. **Transmembrane** [RCFB08, MNH05, OTH+07, SS08a, XMA+09]. **transmigration** [DDLC+06]. **transmission** [AEJ+06]. **transmitted** [NSM05]. **transmitter** [BSF+08, CFH+08, Rob08o]. **transmitter-induced** [BSF+08]. **Transport** [HHFC06, PGB+06, ARKS+08, AGL+08, ALB+09, AM05b, BM07, BBPM07, CGS05, CKKG05, Den05, DSH+07, ELM09, FHS+07b, GS07, GEP08, GMSS06, GMS+08, HFM+05, HR05, HQF+07, IEGV06, KHB+05, KLR+07, KGH+05, LLH+09, MSR09, MS06, MM05, NRW+08, POCS+06, PGL+09, SRX+07, Sch08, Sho09-43, SSZR07, SBJ+07, SHH+08, TKKT07, TMY+09, UHM+08, VVMS05, WHOS06, Wel06p, Wil06p, YM06, ZKN+06, dPMF+09].

transportation [Les07-36]. **transported** [MF08, RW05, WGKA+08]. **transporter** [GS07, JLC08, JGL+06, WOP+06]. **transporters** [FA08]. **transports** [HLM+08]. **trap** [KRP+09, WLS+09]. **trapping** [HK07]. **traps** [EMPK+07, FAG+07, LeB07-66]. **trash** [Sho09-54]. **TRC8** [STvdB+09]. **TrCP** [SCD+08]. **Tre1** [KSR+08, Rob08-52]. **treat** [Les07-49]. **treatment** [Wil06o]. **TREM** [NBB+09]. **TREM-2** [NBB+09]. **trespass** [WC07a]. **TRF1** [ZMH+09]. **TRF2** [DMBF+07]. **tricellular** [IFF+05]. **Tricellulin** [IFF+05]. **trigger** [ALB+09, Les08-32, WWK+06]. **triggered** [HJ06, MSC+07, SDS+05, VP05, YCR06, YTB07]. **triggering** [NBB+09]. **triggers** [DNG+06, GGMBF08, KKW+08, LMMHP+05, MBJF+08, NMV+07, Poo09, TDG+06, ZKN+06]. **trilaminar** [LRJY06]. **TRIM5** [CPAH08]. **trimers** [SWL+05]. **trimethylation** [NLG+09]. **Trimming** [Tum06-50]. **Trip** [Wel06-65, LeB07l, Les08-42, Les09j, Rob08-36, Xia06]. **TRIP6** [TSN+06]. **TRIP6/ZRP** [TSN+06]. **TRIP6/ZRP-1** [TSN+06]. **triphosphatase** [TTO+08]. **triphosphate** [LMC+09]. **Tripin** [HFF+07a]. **Tripin/** [HFF+07a]. **trisphosphate** [HPH+05, MuMI+06, dCD+07]. **TrkB** [HLM+08]. **TrkC** [EYB+06]. **tRNA** [Rob07n, Wil06p, YIfHA09]. **tRNAs** [TP09, Tum05-57]. **tropicalis** [BBM+07]. **Tropomodulin1** [NFZ+09]. **tropomyosin** [HLP06, NHK+08]. **Trotman** [Sed08k]. **Trouble** [Rob08-31, Les07-33]. **TRP** [COTAE+05]. **TRPL** [COTAE+05]. **TRPP2** [KBGG+08, Rob08-53]. **TRPV4** [AFV+05, FLA+08, KBGG+08, Rob08-53]. **trs120** [CZP+05]. **true** [LC08a]. **Truth** [Ros07a]. **try** [Les07x]. **Trypanosoma** [LN07, dGHW08]. **trypanosome** [DBD+09]. **trypanosomes** [LBVN09, SWM+06]. **trypsinogen** [HOH+08]. **TSC** [GPN+06, HMS+08]. **TSC1** [GMW+05]. **TSC2** [CTS+06a, GMW+05]. **Tsien** [Wil07-55]. **Tsukita** [Tak06]. **Tuba** [OIAT06]. **Tube** [Les08-63, MAZ+08, SMSPK08, SBF+06, Wel06-49]. **tubes** [GFD+05, Les05h, Wel05-65]. **tubular** [Nyb05m]. **tubulation** [TSS+06]. **tubule** [Les06y, PVJJ07]. **tubules** [Nyb05l]. **Tubulin** [BVS+09, PTF+06, ABvBHH06, DMDO08, HRB+06, JSPT05, PWL+09, STG05, Tum06-27, VCD+06, Wel05q, WEL+07n, Wil07-59, ZCJ+08]. **tubulin-binding** [BKLT+08]. **tubulins** [SSE05]. **tucked** [Wil07-38]. **tug** [LeB08p, Tum06-52]. **tug-of-war** [LeB08p]. **Tumor** [Rob08-54, Sed07g, Wil07-66, BvOM+07, BIH+05, BIH+07, Di 08, FWC+07, HZL+07, HF06, KWY+06, LPG+07, Les06d, Les07-49, Les07-67, LBS+08, SGMPV07, SYRL+08, SGB+06, SYM+08b, VCC+08, Wel06m, ZHS06]. **tumorigenesis** [CSW08, JMB+07, LFW+09a, LFW+09b, MM08, MDWH+08, Wel06v]. **Tumors** [LeB05-102, DDO+08, LJN+05, Les09-32, Rob08-46, WMS+06, WC09]. **tunes** [Rob08n]. **Tuning** [Les08-59, WSG06]. **tunnel** [Poo09]. **Tunneling** [Tum06-51]. **TuRC** [Sho09a, VCD+06]. **Turn** [Les09-35, Pow05p, SLZ+06]. **Turning** [LeB07-64, Les08-60, Nyb05n, Wel05-67, SWM+07]. **turnover** [BDS+08, CEY+05, DvCvH+08, DTW06, EYB09, EHWL06, GMS+08,

KAL+06, MTH+06, OPT+07, SHC+05, SCK+07, WWvD07]. **turnover-dependent** [MTH+06]. **turns** [LeB05-60, LeB07-63, LeB08z, Les08i]. **TWEAK** [VCC+08]. **TWEAK-FN14** [VCC+08]. **TWEAKing** [Ash08]. **twist** [Les07k, Rob07e]. **Twisting** [Wel06-66, Tum05-70]. **Two** [BM07, BCJ+07, FSS+09, GTO+07, Kat06j, Kat07e, Kat07f, KMS07, KIKI+07, LeB05-103, LeB05-104, LeB06-82, RBC05, Rob08-55, TPNS07a, TPNS07b, Tum05-74, WPL+06, AWR+07, AZP+05, ABSK06, BFL+05, BZA+06, BCC+09, CCS+06, GEP08, GFD+05, HL06, Joh09, KKRP05, LCGRB09, Les07-75, LNL+08, LGBD+07, Mar06, PCN+05, QHB+07, RGCWG09, Rob08m, Sed09d, Tum05q, Tum06v, Tum06-34, Tum06-48, Yu06]. **two-pore** [BCC+09]. **Two-speed** [Kat06j]. **two-state** [Yu06]. **Two-step** [Tum05-74, Tum05q]. **Type** [LPA+07, LBC+07, SLWA07, AWR+07, AG09, ADC+07, BLC05, CM07, CZD+09, CHCB05, CC09, DSLY+05, DFA05, HHT+07, HLP06, HSK+05, HOZ+09, IBS+05, JGAS08, JLB+05, JTH09, KKRP05, KLV+08, MFO09, OFY+05, RRA+09, SDN+05b, SBJ+07, SBC+07, TDT+08, VCSG07, WBG+08, dCD+07, HCRT08]. **type-1** [SDN+05b]. **types** [LDL+09b, PR05]. **Typhimurium** [SHB+07]. **tyrosination** [PTF+06, PWL+09]. **tyrosine** [CNM+05, FBO+07, GJL+08, GQSHO05, LPN+08, NYN+06, SKE+05, SRL+06, SWM+06, WWC+07, dCD+07]. **tyrosine-phosphorylated** [GJL+08].

U [YOSM06]. **Ubc13** [AZP+05]. **Ube2j2** [WHR+09]. **UBF** [SPS+08]. **Ubiquilin** [LDL+09a]. **ubiquitin** [AZP+05, CNW+05, DGSN06, EYB09, GGH+08, HDR09, KNY07, LJA09, LJY+07, MOS+09, MSECB05, MG08a, MKC+05, MG09, PGB+06, RRR+09, SOW+09, TTE+07, WWO+08, YGW06, Cho09a, LM05, LZM+06, Tum06-52, Wil09r]. **ubiquitin-binding** [SOW+09]. **ubiquitin-conjugating** [AZP+05]. **ubiquitin-dependent** [MG08a, LZM+06]. **Ubiquitin/** [LM05]. **ubiquitinates** [STvdB+09, WHR+09]. **Ubiquitination** [PES+07, WHC+07, WMT07, ALvdG06, KBC+07b, MBJM+09, PGB+06, TdVM+07]. **ubiquitylation** [CBG+09, FD09, PGW+08]. **Ubp6** [Wil06q]. **Uev1A** [AZP+05]. **Ule** [Wil08n]. **ULK** [HTK+08]. **ULK-interacting** [HTK+08]. **Ultrastructural** [KFC+05]. **Ultraviolet** [NMV+07, KDD08]. **Unassisted** [BYMB06]. **unattached** [Pow06l]. **UNC** [BMSJ07, JMG+06, LLH+07, MQL+06, SHL+09]. **UNC-108** [SHL+09]. **UNC-108/** [SHL+09]. **UNC-45** [LLH+07]. **UNC-98** [MQL+06]. **Unc45b** [ERS08]. **Unc5B** [HKIY09]. **UNC93B** [BSH+07]. **uncapping** [Wel06h]. **uncoated** [KFC+05]. **uncoating** [SSM+08]. **uncoiled** [Pow06h]. **unconventional** [SWT+05, TdVM+07]. **Uncoupling** [WSG06]. **underappreciated** [MFC06]. **undercover** [Wel06-33]. **undergo** [BEH+06]. **undergoes** [ABvBHH06, FFS06, PVJJ07, SWT08]. **underlies** [DWMY09, PRB+09, SSD06, STBL09, dGSWW+06]. **underlying** [ASB+05b]. **understanding** [lWHMH06b]. **unequal** [Les07-61]. **uneven**

[BLMS06]. **unexpected** [LF07]. **unfold** [Rob08-49]. **unfolded** [BBFN07, KIKI+07, OOY+06, SPT+09, SPT+21, YOSM06]. **Unfolding** [Les09-36, Sav09a, SWS+08]. **Ungermann** [Sho09o]. **unicellular** [IH05]. **unidirectional** [SS09]. **unifying** [CBIO05]. **Unique** [Les07-73, LKL+05, MYZ+09, RWB+05, WSS+06]. **uniquely** [DSH+07]. **unit** [LWBL06]. **unite** [CZK06]. **Uniting** [Les08-61, Les08-62]. **units** [FML+06]. **universal** [MBJM+09, WWK+06]. **unlikely** [Wil07c]. **unnerving** [Sed09f]. **unperturbed** [TST08]. **Unpleasant** [Wel06-67]. **unreplicated** [OLH+08]. **unscheduled** [WCR+08]. **Unscrambling** [Tum06-53]. **Unspliced** [Tum06-54]. **unstuck** [Les09o]. **unsynapsed** [MBdR+08]. **Untangling** [Les06-29]. **untransformed** [ULN+07]. **Untying** [Les08-63]. **unused** [Tum06-55]. **unveiled** [Wel05b]. **Unzipped** [Ski05]. **up-regulated** [NJS+06, PSL+06]. **up-regulates** [GDF+05]. **up-regulation** [CYY+08, SFC+08, TRC+08]. **uPA** [SVS+07a, SVS+07b]. **uPAR** [CZM+07, Les07-75, LJM+07, MFA+07, SMM08b]. **uPAR-induced** [MFA+07]. **uPARAP** [CEY+05]. **uPARAP/Endo180** [CEY+05]. **updated** [TRB09]. **upon** [Nyb05e, TJC06]. **UPR** [LeB07-65]. **Ups1p** [SDI+06, TEIS09]. **Ups2p** [TEIS09]. **upstream** [DBDD06, LR05, LGG+05, VKR+09]. **Uptake** [BSF+08, CTS+06b, FHS+07a, KKM+08, SHjC+07]. **urchin** [WNF+05b]. **urea** [LeB06-88]. **urokinase** [WCR+05]. **uroplakin** [MWSK06]. **urothelial** [LBH+05]. **used** [KP08, WGL+06]. **uses** [CGJ09, KDV+09, LeB09a]. **Usher** [DTY+05b]. **using** [LJS+09b, TMBL+08]. **USP7** [FBJB+09]. **UTF1** [vdBKB+07]. **Utp7** [JhKC08]. **Utrn** [RGA+06]. **utrophin** [PMC08]. **UV** [CBML06, KNKH06]. **UV-induced** [KNKH06, CBML06]. **UXT** [STL+07].

V [AXM+05, XMA+09, CSL+05, FSP+07, WCN07, ZKR+07, AFN+08, CMF+09, JTH09, LSR07, PCN+05, VW08]. **v-SNARE** [FSP+07]. **V0** [LBG+06]. **V0-ATPase** [LBG+06]. **Va** [WTH05]. **Vac14p** [DTW06]. **Vac7p** [DTW06]. **Vac8p** [SSSL05]. **VacA** [GMG+07]. **vacuolar** [BPL+08, LU05, LeB05-70, MSECB05, SSSL05]. **vacuole** [FCDM+07, JTH09, PLLH05, RM05a, Sho09o]. **vacuoles** [MES+08, Miz05]. **Valerie** [Sho09-53]. **Valosin** [JFM+09]. **Valosin-containing** [JFM+09]. **valves** [Wel06w]. **VAP** [RKvdK+09]. **variant** [HGJ06, LPWP+07]. **variants** [AZP+05, GER+07]. **variation** [YCM+08]. **varicella** [Wel05-58]. **varicosities** [DNG+06]. **Variety** [LeB08-36, LeB06p]. **various** [LDL+09b]. **Vascular** [BSK07, LOG+06, Wil07-67, BHK+06, HLA+06, JKCW07, KWS+08, LJN+05, LR05, OSS+07, SBF+06, SYA+08, SPA+05]. **VASP** [BBM+08, FSK+07, HJK+06, LLHH07, TSP08]. **VCP** [JFM+09, ASK+09, JFM+09, Sho09-54, LDL+09a]. **VE** [LR05, WKC+09]. **VE-cadherin** [LR05]. **VE-PTP** [WKC+09]. **Vectorial** [HSTM06]. **VEGF** [KZC+08, LJN+05, Les07-37, Les07-77, MCD+07, ZXM+06]. **VEGF-induced** [ZXM+06]. **VEGF111** [MCD+07]. **VEGFR** [LOG+06]. **VEGFR-2** [LOG+06]. **VEGFR2** [KWS+08]. **VEGFs** [LeB05-103].

vehicles [KFC+05]. **vein** [Wel06n]. **velocity** [MS06]. **ventral** [STK+05]. **ventrally** [WMSB+06]. **ventricular** [PRB+09]. **verprolin** [SBMP05]. **versatile** [RSL06]. **versus** [HBPL09, LeB05-63, MDWH+08, PEER+05, SSHW09, Wil09p, XLH+07, Yu06]. **vertebrate** [DPP+07, HDS+07, YCX+08, YWM+08]. **Very** [HFF07b]. **Very-KIND** [HFF07b]. **Vesicle** [SAM+07, BMK+07, BHG+05, DXC+09, ECR+09, FBO+07, GSW+08, JWG+07, KKW+07, LeB05-104, LOWTL+08, LYH+05, LSNY08, LWL08a, LWL08b, MSLS07, MHS+09, SHH+08, SHL+09, Wel06-60, YSP+06, ZL05]. **vesicle-generating** [MHS+09]. **vesicle-mediated** [ZL05]. **Vesicles** [ACsHS08, LeB07-66, RW08d, ARKS+08, BRKR06, BHH+06, CFL+05, EMPK+07, HWSJ08, HXZ+07, KES+09, LeB06d, LMZ+05, OVL+07, RBC05, SSM+08, Sho09-39, SORM05, Tum06-40, Wel05p, YOS+05]. **vesicular** [HFP+05, HR05, KBR+08]. **vessel** [KZC+08, KSE+07, WKC+09]. **vessels** [JKCW07, LeB05-103, NIC+09b, Wel05-30]. **VI** [API+07, MCSY07, OWM05, SRA+05, SS09]. **via** [ACsHS08, BWL+08, BKE+07, CCS+06, CTS+05, DVF+06, FFW+07, FMD+09, GG06, GFH+06, GRC+05, GGMBF08, GDR+05, GFD+05, HFP+05, HDS+07, KRZ+08, KNKH06, KFR+08, KBC+08, LeB05y, LLHH07, LBC+07, LNPC06, LFL+05, MLV09, MMS07, MOM+06, NMV+07, NBM+08, NNS+08, OLC+07, OFY+05, dJPAW+09, Pow05a, PKJS+08, SBM+07, SRL+06, SSD+09, SLZ+06, SWI06, SWH+06, TKB+06, TMZ+09, ToMY+08, VSR+08, WWX+06, YKH+08, ZKN+06, ZCJ+08]. **viability** [TMAL+06]. **view** [LeB05-105, Ped08, Sho09-46]. **viewing** [Hil08]. **VII** [CSB+06]. **VII-dependent** [CSB+06]. **vimentin** [YGY+05]. **Vinculin** [HWS+07, CCC+05, INB06, MCSY07]. **Viral** [RHMS05, KDD+09, MSECB05, WHC+07]. **Virtual** [Wel06-68]. **virulence** [CBG+06, PUG+06]. **Virus** [LeB06-83, Pow06m, CTS+06b, DNG+06, DHML05, FFS06, LK05]. **Viruses** [IH05, LeB07-67, Pow05w, Tum05-75, LSM+05, Wil08d]. **visceral** [YBT+09]. **viscosity** [AFV+05]. **Visualization** [CPAH08, RSSC06, CM07, NTHN+08]. **visualized** [SD07]. **Visualizing** [HTYNK09]. **vitamin** [MRD+08, OMLP+08, WJM07]. **vitro** [CGK07, KMK+05b, Les06n, MK07, ONW+07, SSE05, Wel05-40]. **vitronectin** [MFA+07]. **Vivek** [Sav09b]. **vivo** [AVHH09a, AVHH09b, BJZ+09, BLA+09, CM07, CCSK08, DPL+08, DR05, DOS+07, EFG+05, FSK+07, GSC+07, HOH+07, KTN07, LZL+05, MMU+09, NLS+05, ONW+07, PVMH05, RMP06, SRBL06, SKR+07, SWG+05, TTNA+06, VBSM06, YTH+09, YMD+07, YNL+08]. **vMIA** [PPS+06]. **Voeltz** [Sed08h]. **Voltage** [LPB+08, BH08a, LYV+08, Nyb05j]. **Voltage-gated** [LPB+08, BH08a, LYV+08]. **volume** [HG07]. **Vps34** [JHY+08, MES+08]. **Vps4** [ADD+06, NWO06b]. **Vps4-mediated** [NWO06b]. **Vps45p** [CCS+06]. **Vps74** [WSB+09]. **Vps74/GOLPH3** [WSB+09]. **VSG** [LN07, LBVN09]. **VSL** [ADD+06]. **Vta1** [ADD+06].

VWF [Wel06-69].

W [Wil07-68]. **Wac** [MFC+09]. **wages** [YD08]. **Wait** [Pow06l, Wel05-53]. **waiting** [Rob08-30]. **Walhout** [Sho09-35]. **Walk** [Wel05-68, Rob07e]. **Walking** [Pow09d]. **wall** [CJW07, Rob08-42, STK+05]. **Wallerian** [ASK+09]. **walls** [Wel05a]. **wander** [Wel06-53]. **wandered** [Wel06-67]. **war** [BEH+06, LeB08p, Tum06-52]. **warfare** [LeB05-109]. **Washington** [LW08]. **WASP** [SWD+08, CHCB05, KCOS06, OYM+09, SBMP05]. **WASp-** [KCOS06]. **WASp-binding** [CHCB05]. **waste** [Wel06-34]. **wave** [Les09k, Tum05-75]. **WAVE2** [NNS+08, SKO+06]. **waves** [Kat06h]. **way** [CF07, LeB05-36, LeB08q, Les05e, Les07r, Les07-28, Les07-34, Les07-49, Rob08g, Rob08-36, Rob08-55, Tum05-39, Tum05-43, Wel05-63, Wel05-68]. **ways** [HdM09, Kat07e, Kat07f, LeB06-82, Sho09-29]. **wayward** [Les09-35]. **WD40** [GGC05]. **WDR12** [HRS+05]. **weak** [KP08, RW08e]. **weaken** [LeB06k]. **Weaker** [Nyb05o]. **weakest** [MZ08]. **Weakness** [LeB05-106]. **web** [EMD+08]. **webby** [Wel07g]. **webs** [Wel07g]. **Weibel** [LRCH+05]. **Weidinger** [Wil07w]. **weight** [Wel06u]. **Weissman** [LeB09b]. **welcomes** [Les07-57]. **well** [VWK+06]. **went** [Wel05-47]. **Were** [Pow05x, Wil06b]. **Werner** [MGW+08, PPBF08, YMTC05]. **Werner/Bloom** [MGW+08]. **Westermann** [Sed07e]. **wheel** [PWW+09]. **where** [LeB07-62, Rob08-52]. **whereas** [FFS06]. **which** [Les07-34, Wel05-63]. **Who** [LeB06-84]. **whose** [DCA+06]. **wide** [BFWH07, EMB+08, FMA+09, SKM+08, YSB+07]. **widespread** [GFA+09]. **will** [Rob08r]. **winch** [Tum06f]. **wing** [LeB05-29]. **Wingless** [SB06]. **WIP** [KCOS06]. **WIP-** [KCOS06]. **Wiping** [Wel05-69]. **wisdom** [Pow07e]. **wise** [HG07]. **within** [DBW+06, DR05, GZBM+06, GMZ+08, HOH+08, Les07-29, NS07, Rob07b, RCFB08, SRBL06, SSJ+07]. **without** [FSN+06, GAK+05, LeB05-36, LeB06y, LeB07z, LeB07-34, LCvD+08, Les07p, Les07y, MD09, Tum06o, VBSM06, Wel05-36, Wil07r]. **Wld** [ASK+09, CWM+09, Wil09k]. **WNK1** [ZPGB+07]. **Wnt** [LeB05-108, LeB05-107, LeB06-85, Les07-79, AACS+06, DXC+08, Hor09, KLW+05, LCB+08, MAH+05, MG08b, OMLP+08, dJPAW+09, Pol08, SMH07, TG05]. **Wnt-** [dJPAW+09]. **Wnt/** [LCB+08]. **Wnt/Notch** [MG08b]. **Wnt11** [KHH08, WZCB+06]. **Wnt11-mediated** [KHH08]. **Wnt5a** [NYN+06]. **Wnt5a-induced** [NYN+06]. **Wnts** [LVG+09]. **words** [Les06a]. **work** [Les08-48, Pow05l]. **Working** [Tum05-76, LeB09b]. **workout** [Les08g]. **world** [CZK06, Mis09a]. **Woronin** [LNL+08]. **worth** [Wil08j]. **Worthylake** [LeB07-53]. **wound** [BFG+06b, CBM+07, CTP+09, LeB05-85, LeB06-64, SWG+05, TPNS07a, TPNS07b, THN+06, WHM+07, WFJ06]. **wounded** [KSE+07]. **wounds** [BB05, LeB07k, OTM+07, Sho09-52]. **wrestles** [Sed09b]. **WRN** [FPP+08]. **WRN-deficient** [FPP+08]. **wrong** [Les07-67, Les08-31]. **wrote** [HR08]. **Wunen** [SRL05].

X [GLH+05, KPM05, LW07b, PRK+07, PRK+09, TMI07, Wil07-51, BbCQ+09, PAM+07]. **XBP1** [YOSM06]. **Xenopus**

[BBM+07, HH06a, KHH08, LM05, MFH05, OW06, UHM+08, YMTC05]. **XIAP** [PVM+05]. **XIST** [HBPL09, Sho09e]. **XIST-ential** [Sho09e]. **Xmus101** [YLM06a]. **Xnf7** [CNW+05]. **Xorbit** [HH06a]. **Xorbit/CLASP** [HH06a]. **Xorbiting** [LeB06-86]. **Xpo1p** [SCVW09]. **XRCC3** [OSI+07]. **XVI** [Wel06o]. **XX** [LeB06-87].

Y14 [SRBL06]. **yang** [Kat07a]. **YAP** [HlQY+06]. **Yasushi** [Wil08x]. **Yb** [SRQL09]. **Yck3** [LU05]. **years** [Mel05]. **Yeast** [LeB05-109, MH07, Pow05z, SHDT05, ARKS+08, ABA+06, BJKF05, BBF+07, BMSJ07, BMBD+09, BEH+06, BLvH+05, CRLP07, CN06, CGGT09, CGJ09, DJV+05, DSK+06, FSG+08, FN06, FDV+06, GRGP07, GAG+06, GMS+08, HGJ06, HSY+06, HEW07, HYB08, HLP06, JMG08, JGY09, JWSS05, KOM07, KKD+07, LSDFS08, Les08o, LSC+06b, LYTL07, LGBD+07, LFS+05, MTRJA05, MPL+07a, MSW+07, MSW+17, MHFH06, MLP06, NNK+08, NN07b, NdCF+05, OSM+09, PYR08, PKM+05, PKB+06, RHMS05, RWM+05, SON06, SHC07, SCVW09, Sho09l, SBMP05, TJC06, Tum05k, Tum05-53, TS06, VP05, VDA+08, WHOS06, WSK+06, ZKN+06, ZSMW09, LeB06-88]. **YGR198w** [FCDM+07]. **yields** [KDD+09]. **yin** [Kat07a]. **Yme1L** [SCF+07]. **yolk** [Pow05f]. **young** [Pow09a, Les08-66]. **yourself** [LeB06s]. **youth** [LeB05p, Wel06z]. **youthful** [Wil07v]. **YPP1** [FCDM+07, BSA+08]. **Yps1** [VDA+08]. **Yuan** [LeB07z]. **Yvh1** [KOVP09, LLW+09].

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Leslie:2007:CKC

[Les07e] Mitch Leslie. Caching killer carbs. *Journal of Cell Biology*, 178(3):338–??, July 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/178/3/338`.

Leslie:2007:CCS

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Leslie:2007:CFM

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Leslie:2007:CNM

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Leslie:2007:CCL

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Leslie:2007:CCC

[Les07m] Mitch Leslie. Closing the connexin connection. *Journal of Cell Biology*, 177(5):??, June 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/177/5/745a`.

Leslie:2007:CCb

[Les07n] Mitch Leslie. Coddling cancer. *Journal of Cell Biology*, 176(4): 374–??, February 2007. CODEN JCLBA3. ISSN 0021-9525

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Leslie:2007:CCR

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Leslie:2007:CCa

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Leslie:2007:AW

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Leslie:2007:EET

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Leslie:2007:FMA

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Leslie:2007:COE

[Les07w] Mitch Leslie. For cdks, one is enough. *Journal of Cell Biology*, 178(6):??, September 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL http://jcb.rupress.org/content/178/6/892.2.

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Leslie:2007:FB

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[Les07-28] Mitch Leslie. Going their own way in the NPC. *Journal of Cell Biology*, 178(7):??, September 2007. CODEN JCLBA3. ISSN

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Leslie:2007:HSW

[Les07-29] Mitch Leslie. Healing skin from within. *Journal of Cell Biology*, 179(4):??, November 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/179/4/568.2`.

Leslie:2007:HCA

[Les07-30] Mitch Leslie. Helping cells achieve oneness. *Journal of Cell Biology*, 176(2):??, January 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/176/2/128a`.

Leslie:2007:HDG

[Les07-31] Mitch Leslie. Hey, DNA, get over here. *Journal of Cell Biology*, 179(6):??, December 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/179/6/1085.1`.

Leslie:2007:HCR

[Les07-32] Mitch Leslie. How CENP–A reaches the centromere. *Journal of Cell Biology*, 176(6):??, March 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/176/6/730a`.

Leslie:2007:HKD

[Les07-33] Mitch Leslie. How kinases dodge trouble. *Journal of Cell Biology*, 176(3):??, January 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/176/3/245a`.

Leslie:2007:HCF

[Les07-34] Mitch Leslie. Hungry cells forget which way is up. *Journal of Cell Biology*, 177(3):??, May 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/177/3/370a`.

Leslie:2007:KSC

[Les07-35] Mitch Leslie. Keeping sisters close. *Journal of Cell Biology*, 176(4):??, February 2007. CODEN JCLBA3. ISSN 0021-9525

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Leslie:2007:KTA

[Les07-36] Mitch Leslie. Kinetochores take alternative transportation. *Journal of Cell Biology*, 178(2):??, July 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/178/2/180a`.

Leslie:2007:LMV

[Les07-37] Mitch Leslie. A lean and mean VEGF for cancer cells. *Journal of Cell Biology*, 179(6):??, December 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/179/6/1084.1`.

Leslie:2007:LT

[Les07-38] Mitch Leslie. Liberating TGFβ. *Journal of Cell Biology*, 176 (3):245–??, January 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/176/3/245`.

Leslie:2007:LSM

[Les07-39] Mitch Leslie. The long and short of mitochondrial fusion. *Journal of Cell Biology*, 178(5):??, August 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/178/5/716.2`.

Leslie:2007:MRM

[Les07-40] Mitch Leslie. Making room for muscle. *Journal of Cell Biology*, 179(6):??, December 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/179/6/1085.3`.

Leslie:2007:MCS

[Les07-41] Mitch Leslie. Merlin casts spell on proliferation protein. *Journal of Cell Biology*, 177(5):??, June 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/177/5/744a`.

Leslie:2007:MMa

[Les07-42] Mitch Leslie. Meting out mitochondria. *Journal of Cell Biology*, 176(2):129–??, January 2007. CODEN JCLBA3. ISSN

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Leslie:2007:MR

[Les07-43] Mitch Leslie. Microglia to the rescue. *Journal of Cell Biology*, 179(6):??, December 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/179/6/1084.2`.

Leslie:2007:MMb

[Les07-44] Mitch Leslie. Mitochondria on the MARCH. *Journal of Cell Biology*, 178(1):3–??, July 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/178/1/3`.

Leslie:2007:MFN

[Les07-45] Mitch Leslie. Muscle first in neurodegenerative disease? *Journal of Cell Biology*, 176(6):??, March 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/176/6/731a`.

Leslie:2007:MPT

[Les07-46] Mitch Leslie. Myosins pull together to move cargo. *Journal of Cell Biology*, 178(7):??, September 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/178/7/1094.2`.

Leslie:2007:NB

[Les07-47] Mitch Leslie. Nervous breakdown. *Journal of Cell Biology*, 176 (3):244–??, January 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/176/3/244`.

Leslie:2007:NMM

[Les07-48] Mitch Leslie. New mRNA modification? *Journal of Cell Biology*, 179(2):??, October 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/179/2/171.3`.

Leslie:2007:NWT

[Les07-49] Mitch Leslie. No way to treat a tumor. *Journal of Cell Biology*, 178(1):??, July 2007. CODEN JCLBA3. ISSN 0021-9525

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Leslie:2007:PHB

[Les07-50] Mitch Leslie. p53 hits the brakes. *Journal of Cell Biology*, 178(1):??, July 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/178/1/3b`.

Leslie:2007:PIP

[Les07-51] Mitch Leslie. Pol II piece makes and breaks mRNA. *Journal of Cell Biology*, 178(7):??, September 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/178/7/1095.1`.

Leslie:2007:PPT

[Les07-52] Mitch Leslie. Polarizing power of touch. *Journal of Cell Biology*, 178(2):180–??, July 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/178/2/180`.

Leslie:2007:PED

[Les07-53] Mitch Leslie. The price of excess DNA. *Journal of Cell Biology*, 178(6):??, September 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/178/6/893.3`.

Leslie:2007:PDP

[Les07-54] Mitch Leslie. Putting Dia1 in its place. *Journal of Cell Biology*, 178(2):??, July 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/178/2/181a`.

Leslie:2007:RDL

[Les07-55] Mitch Leslie. A receptor with divided loyalties. *Journal of Cell Biology*, 179(2):??, October 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/179/2/170.2`.

Leslie:2007:RDD

[Les07-56] Mitch Leslie. RECQ1's double duty. *Journal of Cell Biology*, 176(4):375–??, February 2007. CODEN JCLBA3. ISSN

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Leslie:2007:RWL

[Les07-57] Mitch Leslie. RhoG welcomes leukocytes. *Journal of Cell Biology*, 178(7):??, September 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/178/7/1095.2`.

Leslie:2007:RPCb

[Les07-58] Mitch Leslie. RNA polymerase caught loitering. *Journal of Cell Biology*, 179(5):??, December 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/179/5/809.2`.

Leslie:2007:RPCa

[Les07-59] Mitch Leslie. RNA polymerase on the clock. *Journal of Cell Biology*, 179(2):??, October 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/179/2/171.1`.

Leslie:2007:SSS

[Les07-60] Mitch Leslie. Self-starting slime mold. *Journal of Cell Biology*, 178(2):??, July 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/178/2/181b`.

Leslie:2007:SUD

[Les07-61] Mitch Leslie. Separate and unequal Deltas. *Journal of Cell Biology*, 178(3):??, July 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/178/3/339a`.

Leslie:2007:SRC

[Les07-62] Mitch Leslie. A simple reentry into the cell cycle. *Journal of Cell Biology*, 176(6):730–??, March 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/176/6/730`.

Leslie:2007:SNJ

[Les07-63] Mitch Leslie. Sizing the nucleus just right. *Journal of Cell Biology*, 179(4):??, November 2007. CODEN JCLBA3. ISSN

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Leslie:2007:SC

[Les07-64] Mitch Leslie. A sloppy checkpoint. *Journal of Cell Biology*, 176 (6):731–??, March 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/176/6/731`.

Leslie:2007:SCC

[Les07-65] Mitch Leslie. Small cancer cells don't stray. *Journal of Cell Biology*, 178(3):339–??, July 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/178/3/339`.

Leslie:2007:SDP

[Les07-66] Mitch Leslie. Splitting the difference on peroxisomes. *Journal of Cell Biology*, 178(3):??, July 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/178/3/338a`.

Leslie:2007:STW

[Les07-67] Mitch Leslie. Starting a tumor off wrong. *Journal of Cell Biology*, 178(7):??, September 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/178/7/1094.1`.

Leslie:2007:SCS

[Les07-68] Mitch Leslie. Stem cell side show. *Journal of Cell Biology*, 176(3):??, January 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/176/3/245b`.

Leslie:2007:TDL

[Les07-69] Mitch Leslie. Thrown for a D-loop. *Journal of Cell Biology*, 176(2):??, January 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/176/2/129a`.

Leslie:2007:TS

[Les07-70] Mitch Leslie. Time to split. *Journal of Cell Biology*, 179 (5):??, December 2007. CODEN JCLBA3. ISSN 0021-9525

(print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/179/5/809.3`.

Leslie:2007:BN

[Les07-71] Mitch Leslie. To build a node. *Journal of Cell Biology*, 177(5): ??, June 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/177/5/745b`.

Leslie:2007:MNP

[Les07-72] Mitch Leslie. To make a nuclear pore, just relax. *Journal of Cell Biology*, 178(5):??, August 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/178/5/717.3`.

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[Les07-73] Mitch Leslie. Unique tasks for ribosomal paralogues. *Journal of Cell Biology*, 179(5):??, December 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/179/5/808.2`.

Leslie:2007:SGS

[Les07-74] Mitch Leslie. The up side of a gas shortage. *Journal of Cell Biology*, 177(3):371–??, May 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/177/3/371`.

Leslie:2007:UST

[Les07-75] Mitch Leslie. uPAR's signaling two step. *Journal of Cell Biology*, 177(5):744–??, June 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/177/5/744`.

Leslie:2007:WCJ

[Les07-76] Mitch Leslie. When cargos jump tracks. *Journal of Cell Biology*, 179(4):??, November 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/179/4/569.2`.

Leslie:2007:WVS

[Les07-77] Mitch Leslie. When VEGF strays. *Journal of Cell Biology*, 177(3):??, May 2007. CODEN JCLBA3. ISSN 0021-9525

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Leslie:2007:WCT

[Les07-78] Mitch Leslie. Why are cells so tense? *Journal of Cell Biology*, 176(4):??, February 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/176/4/375b`.

Leslie:2007:WMS

[Les07-79] Mitch Leslie. Wnt makes stem cells act their age. *Journal of Cell Biology*, 178(6):??, September 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/178/6/892.1`.

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[Les08a] Mitch Leslie. Actin hitches a ride to the cleavage furrow. *Journal of Cell Biology*, 181(5):??, June 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/181/5/713.2`.

Leslie:2008:APC

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Leslie:2008:APK

[Les08c] Mitch Leslie. Arp2/ 3 phosphorylation kickstarts cells. *Journal of Cell Biology*, 182(4):??, August 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/182/4/617.2`.

Leslie:2008:ALT

[Les08d] Mitch Leslie. Axons lose their identity. *Journal of Cell Biology*, 183(4):??, November 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/183/4/568.3`.

Leslie:2008:BF

[Les08e] Mitch Leslie. Backtracking on FAK. *Journal of Cell Biology*, 180(1):??, January 2008. CODEN JCLBA3. ISSN 0021-9525

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[Les08h] Mitch Leslie. Career change for a mitotic protein. *Journal of Cell Biology*, 181(1):??, April 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/181/1/2.2`.

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[Les08j] Mitch Leslie. Cells' puncture repair kit. *Journal of Cell Biology*, 180(5):??, March 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/180/5/847.2`.

Leslie:2008:CSE

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[Les08l] Mitch Leslie. CENP-e goes fishing for microtubules. *Journal of Cell Biology*, 181(3):??, May 2008. CODEN JCLBA3. ISSN

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Leslie:2008:CC

[Les08m] Mitch Leslie. Cutting the cord. *Journal of Cell Biology*, 181(4): ??, May 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/181/4/569.1`.

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[Les08n] Mitch Leslie. Daughter cells share duties. *Journal of Cell Biology*, 181(7):??, June 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/181/7/1043.3`.

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[Les08p] Mitch Leslie. DNA healer. *Journal of Cell Biology*, 183 (4):??, November 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/183/4/569.2`.

Leslie:2008:DJC

[Les08q] Mitch Leslie. DNA, just chill. *Journal of Cell Biology*, 183 (7):??, December 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/183/7/1178.2`.

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[Les08r] Mitch Leslie. Driven to the brink by a G protein. *Journal of Cell Biology*, 182(2):??, July 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/182/2/216.2`.

Leslie:2008:FP

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Leslie:2008:GFS

[Les08t] Mitch Leslie. Genetic feng shui for cancer cells? *Journal of Cell Biology*, 180(1):??, January 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/180/1/3.2`.

Leslie:2008:GTC

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Leslie:2008:HT

[Les08v] Mitch Leslie. Hauling tail. *Journal of Cell Biology*, 181(1):??, April 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/181/1/3.2`.

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[Les08w] Mitch Leslie. Helping an axon go long. *Journal of Cell Biology*, 180(3):??, February 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/180/3/445.3`.

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[Les08z] Mitch Leslie. How cells make local calls. *Journal of Cell Biology*, 181(7):??, June 2008. CODEN JCLBA3. ISSN 0021-9525

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Leslie:2008:HEM

[Les08-27] Mitch Leslie. How to escape from a macrophage. *Journal of Cell Biology*, 180(5):??, March 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/180/5/846.1`.

Leslie:2008:HDP

[Les08-28] Mitch Leslie. Huntington's disease protein extends its reach. *Journal of Cell Biology*, 181(5):??, June 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/181/5/712.1`.

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[Les08-29] Mitch Leslie. Laminin reaches across the synapse. *Journal of Cell Biology*, 182(6):??, September 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/182/6/1031.1`.

Leslie:2008:LLD

[Les08-30] Mitch Leslie. Leptin's long-distance call to the pancreas. *Journal of Cell Biology*, 183(7):??, December 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/183/7/1178.3`.

Leslie:2008:MWC

[Les08-31] Mitch Leslie. Making the wrong connections in epilepsy. *Journal of Cell Biology*, 180(5):??, March 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/180/5/846.2`.

Leslie:2008:MFT

[Les08-32] Mitch Leslie. Matrix fragments trigger fatal excitement. *Journal of Cell Biology*, 183(7):??, December 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/183/7/1179.1`.

Leslie:2008:MDS

[Les08-33] Mitch Leslie. Mitochondrial DNA stays home. *Journal of Cell Biology*, 181(7):??, June 2008. CODEN JCLBA3. ISSN

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Leslie:2008:NLS

[Les08-34] Mitch Leslie. Neurons on life support. *Journal of Cell Biology*, 181(1):??, April 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/181/1/3.1`.

Leslie:2008:NSS

[Les08-35] Mitch Leslie. New spin on spindle size. *Journal of Cell Biology*, 182(2):??, July 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/182/2/216.3`.

Leslie:2008:OMI

[Les08-36] Mitch Leslie. Origins of mitotic inequality. *Journal of Cell Biology*, 180(5):??, March 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/180/5/847.1`.

Leslie:2008:PST

[Les08-37] Mitch Leslie. Prions show their good side. *Journal of Cell Biology*, 181(3):??, May 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/181/3/398.1`.

Leslie:2008:PGH

[Les08-38] Mitch Leslie. Proteins gang up on HIV. *Journal of Cell Biology*, 180(3):??, February 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/180/3/444.2`.

Leslie:2008:PC

[Les08-39] Mitch Leslie. Pumping up caveolae. *Journal of Cell Biology*, 182(6):??, September 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/182/6/1031.2`.

Leslie:2008:PCT

[Les08-40] Mitch Leslie. Putting channels in their place. *Journal of Cell Biology*, 180(1):??, January 2008. CODEN JCLBA3. ISSN

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Leslie:2008:RBR

[Les08-41] Mitch Leslie. Rab(ble) rouser. *Journal of Cell Biology*, 182 (6):??, September 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/182/6/1030.2`.

Leslie:2008:RTT

[Les08-42] Mitch Leslie. Rac1 takes a trip. *Journal of Cell Biology*, 181(3): ??, May 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/181/3/399.1`.

Leslie:2008:RR

[Les08-43] Mitch Leslie. Ribosomes rebuffed. *Journal of Cell Biology*, 181(4):??, May 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/181/4/569.2`.

Leslie:2008:RPD

[Les08-44] Mitch Leslie. RNA polymerase doesn't make deliveries. *Journal of Cell Biology*, 181(4):??, May 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/181/4/569.3`.

Leslie:2008:RGA

[Les08-45] Mitch Leslie. Rules of gene attraction. *Journal of Cell Biology*, 182(6):??, September 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/182/6/1030.3`.

Leslie:2008:SPG

[Les08-46] Mitch Leslie. Short proteins got no reason to leave. *Journal of Cell Biology*, 181(1):??, April 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/181/1/3.3`.

Leslie:2008:SSC

[Les08-47] Mitch Leslie. SIRT2 stops cells. *Journal of Cell Biology*, 180(5):??, March 2008. CODEN JCLBA3. ISSN 0021-9525

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Leslie:2008:SEW

[Les08-48] Mitch Leslie. Slow down, enzymes at work. *Journal of Cell Biology*, 183(7):??, December 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/183/7/1179.2`.

Leslie:2008:SSS

[Les08-49] Mitch Leslie. Slow synapses in schizophrenia? *Journal of Cell Biology*, 181(5):??, June 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/181/5/712.2`.

Leslie:2008:SCSa

[Les08-50] Mitch Leslie. Stem cell slowdown. *Journal of Cell Biology*, 181(1):??, April 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/181/1/2.1`.

Leslie:2008:SCSb

[Les08-51] Mitch Leslie. Stem cells stand up for themselves. *Journal of Cell Biology*, 182(4):??, August 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/182/4/616.1`.

Leslie:2008:SM

[Les08-52] Mitch Leslie. Stuck on the membrane. *Journal of Cell Biology*, 180(3):??, February 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/180/3/444.1`.

Leslie:2008:SLD

[Les08-53] Mitch Leslie. Supersized lipid droplets. *Journal of Cell Biology*, 180(3):??, February 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/180/3/445.1`.

Leslie:2008:SCC

[Les08-54] Mitch Leslie. Synapse crowd control. *Journal of Cell Biology*, 181(5):??, June 2008. CODEN JCLBA3. ISSN 0021-9525

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Leslie:2008:TTT

[Les08-55] Mitch Leslie. Tag team at the telomeres. *Journal of Cell Biology*, 181(3):??, May 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/181/3/399.2`.

Leslie:2008:TJL

[Les08-56] Mitch Leslie. Tight junctions loosen up. *Journal of Cell Biology*, 181(4):??, May 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/181/4/568.2`.

Leslie:2008:TB

[Les08-57] Mitch Leslie. Timing the breakdown. *Journal of Cell Biology*, 182(6):??, September 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/182/6/1030.1`.

Leslie:2008:TC

[Les08-58] Mitch Leslie. Traffic control in the ER. *Journal of Cell Biology*, 180(1):??, January 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/180/1/2.2`.

Leslie:2008:TMA

[Les08-59] Mitch Leslie. Tuning up mitochondria for angiogenesis. *Journal of Cell Biology*, 180(1):??, January 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/180/1/3.3`.

Leslie:2008:TBC

[Les08-60] Mitch Leslie. Turning back the clock for Schwann cells. *Journal of Cell Biology*, 181(4):??, May 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/181/4/568.1`.

Leslie:2008:USCa

[Les08-61] Mitch Leslie. Uniting to save cancer cells. *Journal of Cell Biology*, 183(4):??, November 2008. CODEN JCLBA3. ISSN

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Leslie:2008:USCb

[Les08-62] Mitch Leslie. Uniting to save cancer cells. *Journal of Cell Biology*, 183(7):1315–??, December 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/183/7/1315`.

Leslie:2008:UTF

[Les08-63] Mitch Leslie. Untying tube formation. *Journal of Cell Biology*, 182(2):??, July 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/182/2/216.1`.

Leslie:2008:WCM

[Les08-64] Mitch Leslie. When cells make a meal of themselves. *Journal of Cell Biology*, 181(3):??, May 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/181/3/398.2`.

Leslie:2008:WCL

[Les08-65] Mitch Leslie. When cilia lose the beat. *Journal of Cell Biology*, 180(3):??, February 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/180/3/445.2`.

Leslie:2008:YPC

[Les08-66] Mitch Leslie. Young proteins cut down in their prime. *Journal of Cell Biology*, 182(4):??, August 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/182/4/616.3`.

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Leslie:2009:ACL

[Les09b] Mitch Leslie. Apoptotic cells let down their guard. *Journal of Cell Biology*, 184(2):??, January 2009. CODEN JCLBA3.

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Leslie:2009:AMB

[Les09c] Mitch Leslie. Autophagosomes meet before they eat. *Journal of Cell Biology*, 185(2):??, April 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/185/2/178.2`.

Leslie:2009:BCC

[Les09d] Mitch Leslie. Birth control for centrioles. *Journal of Cell Biology*, 184(2):??, January 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/184/2/186.2`.

Leslie:2009:BRCb

[Les09e] Mitch Leslie. Both routes to cell death necessary. *Journal of Cell Biology*, 186(3):??, August 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/186/3/300.1`.

Leslie:2009:BRCa

[Les09f] Mitch Leslie. Brain-repairing cells follow trail of GABA. *Journal of Cell Biology*, 186(1):??, July 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/186/1/2.2`.

Leslie:2009:BMA

[Les09g] Mitch Leslie. Building memories with actin. *Journal of Cell Biology*, 186(1):??, July 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/186/1/2.1`.

Leslie:2009:CCR

[Les09h] Mitch Leslie. Calcium channel roundup. *Journal of Cell Biology*, 186(1):??, July 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/186/1/2.3`.

Leslie:2009:CRF

[Les09i] Mitch Leslie. Calcium's route to freedom. *Journal of Cell Biology*, 186(2):??, July 2009. CODEN JCLBA3. ISSN 0021-9525

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Leslie:2009:CNR

[Les09j] Mitch Leslie. CD44's nuclear road trip. *Journal of Cell Biology*, 185(6):??, June 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/185/6/930.2`.

Leslie:2009:CDL

[Les09k] Mitch Leslie. Chlamydomonas does the lopsided wave. *Journal of Cell Biology*, 186(3):??, August 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/186/3/300.3`.

Leslie:2009:CSI

[Les09l] Mitch Leslie. Cytomegalovirus sticks it to MHC. *Journal of Cell Biology*, 186(5):??, September 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/186/5/632.1`.

Leslie:2009:DMS

[Les09m] Mitch Leslie. The downside of microtubule stability. *Journal of Cell Biology*, 185(6):??, June 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/185/6/930.1`.

Leslie:2009:DMN

[Les09n] Mitch Leslie. Dystrophin makes a new connection. *Journal of Cell Biology*, 186(3):??, August 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/186/3/300.2`.

Leslie:2009:FAC

[Les09o] Mitch Leslie. Focal adhesions come unstuck. *Journal of Cell Biology*, 187(5):585–??, November 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/187/5/585`.

Leslie:2009:CEM

[Les09p] Mitch Leslie. For chromosomes, equality means segregation. *Journal of Cell Biology*, 186(1):3–??, July 2009. CODEN

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[Rob08w] Richard Robinson. Mitochondria split with a calcium hit. *Journal of Cell Biology*, 182(3):??, August 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/182/3/413.1`.

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[Rob08-28] Richard Robinson. No direction? Join the crowd. *Journal of Cell Biology*, 183(3):??, November 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/183/3/366.1`.

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[Rob08-46] Richard Robinson. Sweeter tumors with EGFR. *Journal of Cell Biology*, 181(5):??, June 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/181/5/715.1`.

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[Rob08-47] Richard Robinson. T cells count and then decide. *Journal of Cell Biology*, 180(4):??, February 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/180/4/650.2`.

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[Rob08-48] Richard Robinson. Take a big gulp of pox. *Journal of Cell Biology*, 181(4):??, May 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/181/4/571.3`.

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[Rob08-49] Richard Robinson. To fold, first unfold. *Journal of Cell Biology*, 180(6):??, March 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/180/6/1054.2`.

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Rossner:2008:FSSa

[Ros08a] Mike Rossner. A false sense of security. *Journal of Cell Biology*, 183(4):573–??, November 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/183/4/573`.

Rossner:2008:FSSb

[Ros08b] Mike Rossner. A false sense of security. *Journal of Cell Biology*, 183(7):1317–??, December 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/183/7/1317`.

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[Ros08c] Mike Rossner. Heather Joseph: Getting the message across. *Journal of Cell Biology*, 183(3):368–??, November 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/183/3/368`.

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[RRA+09] Nadia Rucci, Anna Rufo, Marina Alamanou, Mattia Capulli, Andrea Del Fattore, Emma Åhrman, Daria Capece, Valeria Iansante, Francesca Zazzeroni, Edoardo Alesse, Dick Heinegård, and Anna Teti. The glycosaminoglycan-binding domain of PRELP acts as a cell type–specific NF-κB inhibitor that impairs osteoclastogenesis. *Journal of Cell Biology*, 187(5):669–??, November 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/187/5/669`.

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Rabl:2009:FCC

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[Sho09-32] Ben Short. Lipid rafts inflate at the trans–Golgi. *Journal of Cell Biology*, 185(4):567–??, May 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/185/4/567`.

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[Sho09-36] Ben Short. Matt Gibson: The blueprints of tissue architecture. *Journal of Cell Biology*, 186(2):166–??, July 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/186/2/166`.

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[Sho09-37] Ben Short. Membranes enter transfer negotiations. *Journal of Cell Biology*, 187(6):??, December 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/187/6/752.3`.

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[Sho09-39] Ben Short. Microvilli give gut vesicles the brush-off. *Journal of Cell Biology*, 185(7):1131–??, June 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/185/7/1131`.

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[Sho09-40] Ben Short. Mina Bissell: Context is everything. *Journal of Cell Biology*, 185(3):374–??, May 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/185/3/374`.

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[Sho09-41] Ben Short. Mitochondrial proteases strike the right balance. *Journal of Cell Biology*, 187(7):937–??, December 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/187/7/937`.

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[Sho09-42] Ben Short. Mitotic spindle ties the Golgi ribbon. *Journal of Cell Biology*, 184(3):??, February 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/184/3/339.1`.

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[Sho09-43] Ben Short. mRNP transport starts in the nucleus. *Journal of Cell Biology*, 184(3):??, February 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/184/3/338.1`.

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[Sho09-44] Ben Short. A MUG shot of spindle assembly. *Journal of Cell Biology*, 187(1):??, October 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/187/1/2.1`.

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[Sho09-45] Ben Short. Myosin drives bladder movements. *Journal of Cell Biology*, 186(4):??, August 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/186/4/448.2`.

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[Sho09-46] Ben Short. Not the average view of adipogenesis. *Journal of Cell Biology*, 187(3):315–??, November 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/187/3/315`.

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[Sho09-47] Ben Short. Opposing motors take the strain. *Journal of Cell Biology*, 187(7):??, December 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/187/7/936.1`.

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[Sho09-49] Ben Short. Rab2 directs a stop-loss program. *Journal of Cell Biology*, 186(6):769–??, September 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/186/6/769`.

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[Sho09-50] Ben Short. Raf-1 sheds then spreads its inhibitions. *Journal of Cell Biology*, 187(3):??, November 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/187/3/314.2`.

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[Sho09-51] Ben Short. Sizing up the ER stress response. *Journal of Cell Biology*, 187(4):??, November 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/187/4/444.3`.

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[Sho09-52] Ben Short. Time (and PPARβ /δ) heals all wounds. *Journal of Cell Biology*, 184(6):767–??, March 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/184/6/767`.

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[Sho09-53] Ben Short. Valerie Horsley: Getting under the skin. *Journal of Cell Biology*, 184(4):466–??, February 2009. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/184/4/466`.

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[SHX+07] Olga G. Shcherbakova, Carl M. Hurt, Yang Xiang, Mark L. Dell'Acqua, Qi Zhang, Richard W. Tsien, and Brian K. Kobilka. Organization of β-adrenoceptor signaling compartments by sympathetic innervation of cardiac myocytes. *Journal of Cell Biology*, 176(4):521–??, February 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/176/4/521`.

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[SiTT+08] Kazuto Sugimura, Shin ichiro Takebayashi, Hiroshi Taguchi, Shunichi Takeda, and Katsuzumi Okumura. PARP-1 ensures

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[Ski05] Robert V. Skibbens. Unzipped and loaded. *Journal of Cell Biology*, 169(6):841–??, June 2005. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/169/6/841`.

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[SLK+08] Sungmin Song, Huikyong Lee, Tae-In Kam, Mei Ling Tai, Joo-Yong Lee, Jee-Yeon Noh, Sang Mi Shim, Soo Jung Seo, Young-Yun Kong, Toshiyuki Nakagawa, Chul-Woong Chung, Deog-Young Choi, Hammou Oubrahim, and Yong-Keun Jung. E2-25K/ hip-2 regulates caspase-12 in ER stress-mediated Aβ neurotoxicity. *Journal of Cell Biology*, 182(4):675–??, August 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/182/4/675`.

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[SLM+06] Nikunj Sharma, Seng Hui Low, Saurav Misra, Bhattaram Pallavi, and Thomas Weimbs. Apical targeting of syntaxin 3 is essential for epithelial cell polarity. *Journal of Cell Biology*, 173(6):937–??, June 2006. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/173/6/937`.

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[SLV+07] Hong Sun, Li Li, Cécile Vercherat, Neriman Tuba Gulbagci, Sujata Acharjee, Jiali Li, Teng-Kai Chung, Tin Htwe Thin, and Reshma Taneja. Stra13 regulates satellite cell activation by antagonizing Notch signaling. *Journal of Cell Biology*, 177(4):647–??, May 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/177/4/647`.

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Tuma:2006:AR

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Tuma:2006:CZ

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Tuma:2006:CRF

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Tuma:2006:CM

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Tuma:2006:DC

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Tuma:2006:ET

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Tuma:2006:ESb

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Tuma:2006:ESa

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Tuma:2006:EPM

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[UZ08] James Uniacke and William Zerges. Stress induces the assembly of RNA granules in the chloroplast of Chlamydomonas reinhardtii. *Journal of Cell Biology*, 182(4):641–??, August 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/182/4/641`.

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[vBAS+07] Jaap D. van Buul, Michael J. Allingham, Thomas Samson, Julia Meller, Etienne Boulter, Rafael García-Mata, and Keith Burridge. RhoG regulates endothelial apical cup assembly downstream from ICAM1 engagement and is involved in leukocyte trans-endothelial migration. *Journal of Cell Biology*, 178(7):1279–??, September 2007. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/178/7/1279`.

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[VCC+08] James E. Vince, Diep Chau, Bernard Callus, W. Wei-Lynn Wong, Christine J. Hawkins, Pascal Schneider, Mark McKinlay, Christopher A. Benetatos, Stephen M. Condon, Srinivas K. Chunduru, George Yeoh, Robert Brink, David L. Vaux, and John Silke. TWEAK-FN14 signaling induces lysosomal degradation of a cIAP1–TRAF2 complex to sensitize tumor cells to TNFα. *Journal of Cell Biology*, 182(1):171–??, July 2008. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/182/1/171`.

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Wells:2005:TDO

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Wells:2005:TTa

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Wells:2006:CS

[Wel06d] William A. Wells. Charged signaling. *Journal of Cell Biology*, 174(4):??, August 2006. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/174/4/476a`.

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Wells:2006:CP

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Wells:2006:CTS

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Wells:2006:DU

[Wel06h] William A. Wells. Dynamic uncapping. *Journal of Cell Biology*, 175(6):841–??, December 2006. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/175/6/841`.

Wells:2006:EH

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Wells:2006:EA

[Wel06j] William A. Wells. Essential adaptor. *Journal of Cell Biology*, 175(6):840–??, December 2006. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/175/6/840`.

Wells:2006:FBL

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Wells:2006:FH

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Wells:2006:FTM

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Wells:2006:FMV

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Wells:2006:FSF

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Wells:2006:GT

[Wel06p] William A. Wells. Gellular transport. *Journal of Cell Biology*, 175(5):678–??, December 2006. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/175/5/678`.

Wells:2006:GDD

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Wells:2006:GEP

[Wel06r] William A. Wells. Group effort from poliovirus. *Journal of Cell Biology*, 172(1):??, January 2006. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/172/1/5.1`.

Wells:2006:HCS

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Wells:2006:HHL

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Wells:2006:IWL

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Wells:2006:IT

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Wells:2006:KVC

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Wells:2006:KAP

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Wells:2006:KO

[Wel06y] William A. Wells. Kinetochore to order. *Journal of Cell Biology*, 172(7):??, March 2006. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/172/7/959b`.

Wells:2006:LYE

[Wel06z] William A. Wells. Lamins as youth elixir. *Journal of Cell Biology*, 173(4):??, May 2006. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/173/4/457b`.

Wells:2006:LM

[Wel06-27] William A. Wells. Lipid microscopy. *Journal of Cell Biology*, 175(2):??, October 2006. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/175/2/196a`.

Wells:2006:LCB

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Wells:2006:LT

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Wells:2006:LL

[Wel06-30] William A. Wells. Lysosomes for lunch. *Journal of Cell Biology*, 173(4):456–??, May 2006. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/173/4/456`.

Wells:2006:MSC

[Wel06-31] William A. Wells. Making a single centrosome. *Journal of Cell Biology*, 174(4):??, August 2006. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/174/4/477b`.

Wells:2006:MA

[Wel06-32] William A. Wells. Making an autophagosome. *Journal of Cell Biology*, 175(6):??, December 2006. CODEN JCLBA3. ISSN 0021-9525 (print), 1540-8140 (electronic). URL `http://jcb.rupress.org/content/175/6/841a`.

Wells:2006:MU

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Wells:2006:MWS

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Williams:2006:CP

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Williams:2006:CC

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Williams:2006:PP

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Williams:2009:LI

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