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|-----|--|-------|------|---------|---|--|--|--|-----|-----|-----|
| 532 | p34cdc2 | C3085 | 983 | CDC2 | M | NP_001163877.1 | | | y | y | n/d |
| 153 | Cdc6 | C0224 | 990 | CDC6 | M | NP_001245.1 | | | y | n/d | n/d |
| 150 | Cdc25c | C0349 | 995 | CDC25C | M | NP_001781.2 | | | y | n/d | n/d |
| 152 | Cdc27 | C7104 | 996 | CDC27 | M | NP_001107563.1 | | | y | y | y |
| 92 | Uvomorulin/E-Cadherin | U3254 | 999 | CDH1 | M | NP_004351.1 | | | y | y | n/d |
| 95 | Pan Cadherin | C1821 | 999 | CDH1 | M | NP_004351.1 | | | y | y | y |
| 93 | N-Cadherin | C2542 | 1000 | CDH2 | M | NP_001783.2 | | | y | y | y |
| 158 | Cdk4 | C8218 | 1019 | CDK4 | M | NP_000066.1 | | | y | y | y |
| 73 | CDK5 | C6118 | 1020 | CDK5 | M | NP_001157882.1 | | | y | y | n/d |
| 159 | Cdk6 | C8343 | 1021 | CDK6 | M | NP_001138778.1_NP_001250.1 | | | y | y | y |
| 160 | Cdk-7/cak | C7089 | 1022 | CDK7 | M | NP_001790.1 | | | y | n/d | n/d |
| 530 | p21WAF1/Cip1 | P1484 | 1026 | CDKN1A | M | NP_000380.1_NP_510867.1 | | | y | y | n/d |
| 526 | p14 arf | P1610 | 1029 | CDKN2A | M | NP_000068.1_NP_001182061.1_NP_478102.2_NP_478104.2 | | | y | n/d | n/d |
| 529 | p19INK4d | P4354 | 1032 | CDKN2D | M | NP_001791.1 | | | y | n/d | n/d |
| 162 | CENP-E | C7488 | 1062 | CENPE | P | NP_001804.2 | | | y | n/d | n/d |
| 163 | Centrin | C7736 | 1068 | CETN1 | P | NP_004057.1 | | | y | n/d | n/d |
| 175 | Cofilin | C8736 | 1072 | CFL1 | P | NP_005498.1 | | | y | y | y |
| 164 | Chk1 | C9358 | 1111 | CHEK1 | M | NP_00107593.1 | | | y | n/d | n/d |
| 379 | IKKa | I6139 | 1147 | CHUK | P | NP_001269.3 | | | y | n/d | n/d |
| 172 | Claithrin Light Chain | C1985 | 1211 | CLTA | M | NP_001070145.1 | | | y | y | y |
| 173 | Claithrin Heavy Chain | C1860 | 1213 | CLTC | M | NP_004850.1 | | | y | y | y |
| 460 | MRP2 | M3692 | 1244 | ABCC2 | M | NP_000383.1 | | | y | n/d | n/d |
| 102 | Calponin | C2687 | 1264 | CNN1 | M | NP_001290.2 | | | y | y | y |
| 174 | CNPase | C5922 | 1267 | CNP | M | NP_149124.3 | | | y | y | y |
| 177 | Collagen, Type IV | C1926 | 1282 | COL4A1 | M | NP_001836.2 | | | y | n/d | n/d |
| 183 | β-COP | G6160 | 1315 | COPB1 | M | NP_001137533.1 | | | y | n/d | y |
| 45 | ATF2 | A4086 | 1386 | ATF2 | P | NP_001871.2 | | | y | n/d | n/d |
| 46 | phospho-ATF-2 (pThr69,71) | A4095 | 1386 | ATF2 | M | NP_001871.2 | | | y | y | y |
| 185 | Corticotropin Releasing Factor | C5348 | 1392 | CRH | P | NP_000747.1 | | | y | y | y |
| 188 | Crk II | C0853 | 1398 | CRK | P | NP_005197.3 | | | y | y | n/d |
| 187 | Crk-L | C0978 | 1399 | CRKL | P | NP_005198.1 | | | y | y | n/d |
| 534 | p38 MAP Kinase, Non-Activated | M8432 | 1432 | MAPK14 | M | NP_001306.1 | | | y | y | y |
| 536 | p38 MAPK activated (diphosphorylated p38) | M8177 | 1432 | MAPK14 | M | NP_001306.1 | | | y | y | y |
| 189 | Csk | C7863 | 1445 | CSK | P | NP_001120662.1 | | | y | n/d | y |
| 171 | Casein Kinase α | C5367 | 1457 | CSNK2A1 | M | NP_001886.1_NP_808227.1_NP_808228.1 | | | y | y | y |
| 111 | Casein Kinase β | C3617 | 1460 | CSNK2B | M | NP_001311.3 | | | y | y | y |
| 201 | Cystatin A | C3095 | 1475 | CSTA | M | NP_005204.1 | | | y | n/d | n/d |
| 151 | Cystatin B | C5243 | 1476 | CSTB | M | NP_000091.1 | | | y | n/d | n/d |
| 190 | CIBP1, N-Terminal | C9491 | 1487 | CTBP1 | P | NP_001012632.1 | | | y | y | n/d |
| 191 | CIBP1, C-Terminal | C8741 | 1487 | CTBP1 | P | NP_001012632.1 | | | y | y | n/d |
| 134 | α-E-Catenin | C8114 | 1495 | CTNNA1 | P | NP_001894.2 | | | y | n/d | y |
| 136 | α-Catenin | C2081 | 1495 | CTNNA1 | P | NP_001894.2 | | | n/d | n/d | n/d |
| 137 | β-Catenin | C7207 | 1499 | CTNNB1 | M | NP_001091679.1_NP_001091680.1_NP_001895.1 | | | y | n/d | n/d |
| 138 | β-Catenin | C7082 | 1499 | CTNNB1 | M | NP_001091679.1_NP_001091680.1_NP_001895.1 | | | y | n/d | n/d |
| 139 | phospho-β-Catenin (pThr41) | C8616 | 1499 | CTNNB1 | M | NP_001091679.1_NP_001091680.1_NP_001895.1 | | | y | n/d | n/d |
| 140 | phospho-β-Catenin (pSer33/pSer37) | C4231 | 1499 | CTNNB1 | M | NP_001091679.1_NP_001091680.1_NP_001895.1 | | | y | y | y |
| 141 | phospho-β-Catenin (pSer45) | C5615 | 1499 | CTNNB1 | M | NP_001091679.1_NP_001091680.1_NP_001895.1 | | | y | y | y |
| 142 | phospho-β-Catenin (pSer33) | C2363 | 1499 | CTNNB1 | M | NP_001091679.1_NP_001091680.1_NP_001895.1 | | | y | n/d | n/d |
| 524 | p120ctn | P1870 | 1500 | CTNND1 | P | NP_001078927.1 | | | y | n/d | n/d |
| 143 | δ-Catenin/NPRAP | C4864 | 1501 | CTNND2 | P | NP_001323.1 | | | n/d | y | y |
| 145 | Cathepsin D | C0715 | 1509 | CTSD | M | NP_001900.1 | | | y | n/d | n/d |
| 146 | Cathepsin L | C2970 | 1514 | CTSL1 | M | NP_001903.1 | | | y | y | y |
| 213 | DAPK | D2178 | 1611 | DAP | M | NP_004385.1 | | | y | n/d | n/d |
| 214 | phospho-DAPK (pSer308) | D4941 | 1612 | DAPK1 | M | NP_004929.2 | | | y | n/d | n/d |
| 765 | Zip Kinase | Z0134 | 1613 | DAPK3 | P | NP_001339.1 | | | y | n/d | n/d |
| 217 | Daxx | D7810 | 1616 | DAXX | P | NP_001135441.1 | | | y | y | n/d |
| 229 | DOPA Decarboxylase | D0180 | 1644 | DDC | M | NP_000781.1_NP_001076440.1 | | | y | n/d | y |
| 293 | GADD 153 (CHOP-10) | G6916 | 1649 | DDIT3 | P | NP_001181982.1_NP_001181983.1_NP_001181984.1_NP_001181985.1_NP_001181986.1_NP_004074.2 | | | y | n/d | y |
| 64 | Seladin | S4697 | 1718 | DHCR24 | M | NP_055577.1 | | | y | n/d | n/d |
| 237 | Dystrophin | D8168 | 1756 | DMD | M | NP_000100.2 | | | y | y | y |
| 238 | Dystrophin | D8043 | 1756 | DMD | M | NP_000100.2 | | | y | y | y |
| 226 | Dnase II | D1689 | 1777 | DNASE2 | P | NP_001366.1 | | | y | n/d | n/d |
| 227 | DNMT1 | D4567 | 1786 | DNMT1 | P | NP_001124295.1 | | | y | y | y |
| 228 | DNMT1 | D4692 | 1786 | DNMT1 | P | NP_001124295.1 | | | y | y | n/d |
| 223 | Desmosomal Protein | D1286 | 1823 | DSC1 | M | NP_004939.1 | | | y | n/d | n/d |
| 427 | MAP Kinase Phosphatase-1 (MKP-1) | M3787 | 1843 | DUSP1 | P | NP_004408.1 | | | y | n/d | n/d |
| 239 | E2F1 | E9026 | 1869 | E2F1 | P | NP_005216.1 | | | y | n/d | n/d |
| 241 | E2F1 | E8901 | 1869 | E2F1 | M | NP_005216.1 | | | y | y | y |
| 242 | E2F2 | E8776 | 1870 | E2F2 | M | NP_004082.1 | | | y | n/d | n/d |
| 243 | E2F3 | E8651 | 1871 | E2F3 | M | NP_001940.1 | | | y | n/d | n/d |
| 244 | E2F4 | E8526 | 1874 | E2F4 | M | NP_001941.2 | | | y | n/d | n/d |
| 245 | E6AP | E8655 | 1876 | E2F6 | M | NP_937987.2 | | | y | y | y |
| 265 | E2F6 | E1532 | 1876 | E2F6 | M | NP_937987.2 | | | y | n/d | n/d |
| 252 | Endothelin | E0771 | 1906 | EDN1 | M | NP_001167191.1_NP_001946.3 | | | y | n/d | y |
| 253 | Epidermal Growth Factor | E2520 | 1950 | EGF | M | NP_001171601.1_NP_001171602.1_NP_001954.2 | | | y | n/d | n/d |
| 246 | EGF receptor | E1318 | 1956 | EGFR | M | NP_005219.2_NP_958439.1_NP_958440.1_NP_958441.1 | | | y | n/d | n/d |
| 248 | Elastin | E4013 | 2006 | ELN | M | NP_000492.2_NP_001075221.1_NP_001075222.1_NP_001075223.1_NP_001075224.1 | | | y | n/d | n/d |
| 184 | Cortactin | C6987 | 2017 | CTTN | P | NP_001171669.1 | | | y | y | y |
| 85 | c-erbB-2 | E2777 | 2064 | ERBB2 | M | NP_001005862.1_NP_004439.2 | | | y | n/d | n/d |
| 86 | c-erbB-3 | E8767 | 2065 | ERBB3 | M | NP_001005915.1_NP_001973.2 | | | y | n/d | n/d |
| 87 | c-erbB-4 | E5900 | 2066 | ERBB4 | M | NP_001036064.1_NP_005226.1 | | | y | n/d | n/d |
| 256 | Estrogen Receptor | E0521 | 2099 | ESR1 | P | NP_000116.2_NP_001116212.1_NP_001116213.1_NP_001116214.1 | | | y | n/d | n/d |
| 257 | Estrogen Receptor | E1396 | 2099 | ESR1 | P | NP_000116.2_NP_001116212.1_NP_001116213.1_NP_001116214.1 | | | y | n/d | n/d |
| 285 | FANCD2 | F0305 | 2177 | FANCD2 | P | NP_001018125.1_NP_149075.2 | | | y | n/d | n/d |
| 618 | Pyk2 | P3902 | 2185 | PTK2B | P | NP_004094.3 | | | y | y | y |
| 620 | phospho-Pyk2 (pTyr579/580) | P6989 | 2185 | PTK2B | P | NP_004094.3 | | | y | n/d | n/d |
| 273 | Fibroblast Growth Factor-9 | F1672 | 2254 | FGF9 | M | NP_002001.1 | | | y | y | n/d |
| 283 | FOXC2 | F1054 | 2303 | FOXC2 | P | NP_005242.1 | | | y | y | n/d |
| 279 | FKHR (FOXO1a) | F6928 | 2308 | FOXO1 | M | NP_002006.2 | | | y | n/d | n/d |
| 280 | FKHRL1 (FOXO3a) | F2178 | 2309 | FOXO3 | P | NP_001446.1 | | | y | y | n/d |
| 281 | FKHRL1 (FOXO3a) | F1304 | 2309 | FOXO3 | M | NP_001446.1 | | | y | n/d | n/d |
| 754 | Vascular Endothelial Growth Factor Receptor-1 (VEGFR-1)? | V4762 | 2321 | FLT1 | M | NP_001153392.1_NP_001153502.1_NP_001153503.1_NP_002010.2 | | | y | n/d | n/d |
| 274 | Fibronectin | F0791 | 2335 | FN1 | M | NP_002017.1_NP_473375.2_NP_997639.1_NP_997641.1_NP_997643.1_NP_997647.1 | | | y | n/d | n/d |
| 275 | Fibronectin | F3648 | 2335 | FN1 | P | NP_002017.1_NP_473375.2_NP_997639.1_NP_997641.1_NP_997643.1_NP_997647.1 | | | y | n/d | n/d |
| 276 | Fibronectin | F7387 | 2335 | FN1 | M | NP_002017.1_NP_473375.2_NP_997639.1_NP_997641.1_NP_997643.1_NP_997647.1 | | | y | y | n/d |

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|-----|--|-------|------|-----------|---|---|--|--|--|-----|-----|-----|
| 471 | mTOR | T2949 | 2475 | FRAP1 | P | NP_004949.1 | | | | y | y | y |
| 401 | Ku Antigen | K2882 | 2547 | XRCC6 | M | NP_001460.1 | | | | y | n/d | n/d |
| 290 | Glutamic Acid Decarboxylase 65 (GAD 65) | G4913 | 2572 | GAD2 | P | NP_000809.1 | | | | y | y | y |
| 291 | Glutamic Acid Decarboxylase 65 (GAD 65) | G5038 | 2572 | GAD2 | P | NP_000809.1 | | | | y | y | y |
| 292 | Glutamic Acid Decarboxylase (GAD65/67) | G5163 | 2572 | GAD2 | P | NP_000809.1 | | | | y | y | y |
| 295 | GAPDH | G8795 | 2597 | GAPDH | M | NP_002037.2 | | | | y | y | y |
| 767 | GAPDH | G8795 | 2597 | GAPDH | M | NP_002037.2 | | | | y | y | y |
| 296 | GATA-1 | G0290 | 2623 | GATA1 | P | NP_002040.1 | | | | y | n/d | n/d |
| 300 | GFAP (Glial Fibrillary Acidic Protein) | G9269 | 2670 | GFAP | P | NP_001124491.1 | | | | y | n/d | y |
| 301 | GFAP (Glial Fibrillary Acidic Protein) | G3893 | 2670 | GFAP | M | NP_002046.1 | | | | y | n/d | y |
| 302 | Growth Factor Independence-1 (GFI) | G6670 | 2672 | GFI1 | M | NP_001120687.1_NP_001120688.1_NP_005254.2 | | | | y | y | y |
| 181 | Connexin- 43 | C8093 | 2697 | GJA1 | M | NP_000156.1 | | | | y | y | y |
| 182 | Connexin- 43 | C6219 | 2697 | GJA1 | P | NP_000156.1 | | | | y | n/d | n/d |
| 178 | Connexin 32 | C3470 | 2705 | GJB1 | P | NP_000157.1_NP_001091111.1 | | | | y | y | y |
| 180 | Connexin- 32 | C6344 | 2705 | GJB1 | M | NP_000157.1_NP_001091111.1 | | | | y | y | y |
| 304 | Glutamine Synthetase | G2781 | 2752 | GLUL | P | NP_001028216.1_NP_001028228.1_NP_002056.2 | | | | n/d | n/d | y |
| 309 | Grb-2 | G2791 | 2885 | GRB2 | M | NP_002077.1 | | | | y | y | y |
| 303 | Glutamate receptor NMDAR 2a | G9038 | 2903 | GRIN2A | P | NP_000824.1_NP_001127879.1_NP_001127880.1 | | | | y | y | y |
| 255 | ERP57 | E5031 | 2923 | PDIA3 | M | NP_005304.3 | | | | y | y | n/d |
| 306 | Glycogen Synthase Kinase-3 (GSK-3) | G4414 | 2931 | GSK3A | M | NP_063937.2 | | | | y | y | y |
| 305 | Glycogen Synthase Kinase-3? (GSK-3?) | G7914 | 2932 | GSK3B | P | NP_001139628.1_NP_002084.2 | | | | y | n/d | y |
| 307 | Glycogen Synthase Kinase-3 (GSK-3) | G6414 | 2932 | GSK3B | M | NP_001139628.1_NP_002084.2 | | | | y | y | y |
| 297 | Gelsolin | G4896 | 2934 | GSN | M | NP_000168.1_NP_001121134.1_NP_001121135.1_NP_001121136.1_NP_001121137.1_NP_001121138.1_NP_001121139.1_NP_937895.1 | | | | y | n/d | n/d |
| 462 | MSH6 | M2445 | 2956 | MSH6 | P | NP_000170.1 | | | | y | n/d | n/d |
| 463 | MSH6 | M2820 | 2956 | MSH6 | P | NP_000170.1 | | | | y | n/d | n/d |
| 308 | Granzyme B | G1044 | 3002 | GZMB | M | NP_004122.2 | | | | y | n/d | n/d |
| 356 | phospho-Histone H2AX (pSer139) | H5912 | 3014 | H2AFX | P | NP_002096.1 | | | | y | y | n/d |
| 349 | Acetyl Histone H3 (Ac-Lys9) | H9286 | 3020 | H3F3A | P | NP_002098.1 | | | | y | y | y |
| 350 | Acetyl Histone H3 (Ac-Lys9) | H0913 | 3020 | H3F3A | M | NP_002098.1 | | | | y | y | y |
| 351 | Acetyl- & phospho-Histone H3 (Ac-Lys9_Ser10) | H9161 | 3020 | H3F3A | P | NP_002098.1 | | | | y | y | y |
| 352 | Acetyl- & phospho-Histone H3 (Ac-Lys9_Ser10) | H0788 | 3020 | H3F3A | M | NP_002098.1 | | | | y | y | y |
| 353 | Dimethyl Histone H3 (diMe-Lys4) | D5692 | 3020 | H3F3A | P | NP_002098.1 | | | | y | y | y |
| 354 | Dimethyl Histone H3 (diMe-Lys9) | D5567 | 3020 | H3F3A | P | NP_002098.1 | | | | y | y | y |
| 355 | methyl-Histone H3 (Me-Lys9) | H7162 | 3020 | H3F3A | P | NP_002098.1 | | | | y | y | y |
| 357 | phospho-Histone H3 (pSer10) | H6409 | 3020 | H3F3A | M | NP_002098.1 | | | | y | n/d | n/d |
| 358 | phospho-Histone H3 (pSer28) | H9908 | 3020 | H3F3A | M | NP_002098.1 | | | | y | y | n/d |
| 359 | phospho-Histone H3 (pSer10) | H0412 | 3020 | H3F3A | P | NP_002098.1 | | | | y | y | y |
| 321 | HDAC-1 | H3284 | 3065 | HDAC1 | P | NP_004955.2 | | | | y | y | n/d |
| 322 | HDAC-1 | H6287 | 3065 | HDAC1 | M | NP_004955.2 | | | | y | y | n/d |
| 323 | HDAC-2 | H3159 | 3066 | HDAC2 | P | NP_001518.3 | | | | y | y | n/d |
| 324 | HDAC-2 | H2663 | 3066 | HDAC2 | M | NP_001518.3 | | | | y | y | y |
| 362 | HMG-1 | H9537 | 3146 | HMG1 | M | NP_002119.1 | | | | y | y | y |
| 364 | hnRNP-A1 | R4528 | 3178 | HNRNPA1 | M | NP_002127.1 | | | | y | y | y |
| 365 | hnRNP-A1 | R9778 | 3178 | HNRNPA1 | M | NP_002127.1 | | | | y | n/d | n/d |
| 366 | hnRNP-A2/B1 | R4653 | 3181 | HNRNPA2B1 | M | NP_002128.1 | | | | y | y | y |
| 367 | hnRNP-C1/C2 | R5028 | 3183 | HNRNPC | M | NP_001070910.1 | | | | y | n/d | n/d |
| 368 | hnRNP-K/J | R8903 | 3190 | HNRNPK | M | NP_002131.2 | | | | y | n/d | n/d |
| 369 | hnRNP-L | R4903 | 3191 | HNRNPL | M | NP_001005335.1 | | | | y | y | n/d |
| 371 | hnRNP-U | R6278 | 3192 | HNRNPU | M | NP_004492.2 | | | | y | n/d | n/d |
| 601 | PRMT2 | P0748 | 3275 | PRMT2 | M | NP_001526.2 | | | | y | n/d | n/d |
| 598 | PRMT1 | P6871 | 3276 | PRMT1 | P | NP_001527.3 | | | | y | n/d | n/d |
| 599 | PRMT1 | P6996 | 3276 | PRMT1 | P | NP_001527.3 | | | | y | y | y |
| 340 | Heat Shock Factor 1 | H4163 | 3297 | HSF1 | P | NP_005517.1 | | | | y | y | y |
| 341 | Heat Shock Factor 2 | H6788 | 3298 | HSF2 | P | NP_001129036.1 | | | | y | n/d | y |
| 345 | Heat Shock Protein 70 | H5147 | 3303 | HSPA1A | M | NP_005336.3 | | | | y | n/d | y |
| 314 | GRP78/BiP | G8918 | 3309 | HSPA5 | P | NP_005338.1 | | | | y | y | n/d |
| 313 | GRP 75 | G4170 | 3313 | HSPA9 | P | NP_004125.3 | | | | y | y | y |
| 342 | Heat Shock Protein 25 | H0148 | 3315 | HSPB1 | M | NP_001531.1 | | | | y | y | y |
| 343 | Heat Shock Protein 27 | P1498 | 3315 | HSPB1 | P | NP_001531.1 | | | | y | n/d | n/d |
| 344 | Heat Shock Protein 27/25 | H2289 | 3315 | HSPB1 | P | NP_001531.1 | | | | y | y | y |
| 346 | Heat Shock Protein 90 | H1775 | 3320 | HSP90AA1 | M | NP_001017963.2 | | | | y | y | y |
| 377 | IFI-16 | I1659 | 3428 | IFI16 | M | NP_005522.2 | | | | y | n/d | n/d |
| 713 | TIS7 | T2576 | 3475 | IFRD1 | M | NP_001007246.1_NP_001184008.1_NP_001184009.1_NP_001541.2 | | | | y | y | n/d |
| 380 | ILK | I0783 | 3611 | ILK | M | NP_001014794.1 | | | | y | y | y |
| 381 | ILK | I1907 | 3611 | ILK | P | NP_001014794.1 | | | | y | y | n/d |
| 388 | INCENP | I5283 | 3619 | INCENP | P | NP_001035784.1 | | | | y | y | y |
| 389 | ING1 | I3659 | 3621 | ING1 | M | NP_005528.3_NP_937860.1_NP_937862.1 | | | | y | n/d | n/d |
| 393 | JAK 1 | J3774 | 3716 | JAK1 | M | NP_002218.2 | | | | y | y | y |
| 26 | AP-1 | A5968 | 3725 | JUN | P | NP_002219.1 | | | | y | n/d | n/d |
| 88 | phospho-c-Jun (pSer63) | J2128 | 3725 | JUN | P | NP_002219.1 | | | | y | y | y |
| 89 | phospho-c-Jun (pSer73) | J2253 | 3725 | JUN | P | NP_002219.1 | | | | y | y | n/d |
| 592 | Plakoglobin (Catenin g) | P8087 | 3728 | JUP | M | NP_002221.1_NP_068831.1 | | | | y | n/d | n/d |
| 387 | Importin-a5/7 | I9908 | 3836 | KPNA1 | M | NP_002255.3 | | | | y | y | n/d |
| 385 | Importin-a1 | I9658 | 3838 | KPNA2 | M | NP_002257.1 | | | | y | n/d | n/d |
| 386 | Importin-a3 | I9783 | 3840 | KPNA4 | M | NP_002259.1 | | | | y | y | y |
| 722 | Transportin 1 | T0825 | 3842 | TNPO1 | M | NP_002261.3 | | | | y | y | y |
| 203 | Cytokeratin peptide 4 | C5176 | 3851 | KRT4 | M | NP_002263.2 | | | | y | n/d | n/d |
| 205 | Cytokeratin peptide 7 | C6417 | 3855 | KRT7 | M | NP_005547.3 | | | | y | n/d | n/d |
| 206 | Cytokeratin 8.12 | C7034 | 3860 | KRT13 | M | NP_002265.2_NP_705694.2 | | | | y | n/d | n/d |
| 208 | Cytokeratin peptide 13 | C0791 | 3860 | KRT13 | M | NP_002265.2_NP_705694.2 | | | | y | n/d | n/d |
| 209 | Cytokeratin Peptide 17 | C9179 | 3872 | KRT17 | M | NP_000413.1 | | | | y | n/d | y |
| 204 | Cytokeratin CK5 | C7785 | 3875 | KRT18 | M | NP_000215.1_NP_954657.1 | | | | y | n/d | n/d |
| 210 | Cytokeratin peptide 18 | C1399 | 3875 | KRT18 | M | NP_000215.1_NP_954657.1 | | | | y | n/d | n/d |
| 211 | Cytokeratin peptide 19 | C6930 | 3880 | KRT19 | M | NP_002267.2 | | | | y | n/d | n/d |
| 402 | L1CAM | L4543 | 3897 | L1CAM | M | NP_000416.1_NP_001137435.1_NP_076493.1 | | | | y | n/d | n/d |
| 405 | Laminin-2 (a-2 Chain) | L0663 | 3908 | LAMA2 | M | NP_000417.2_NP_001073291.1 | | | | y | y | n/d |
| 521 | OP-18/Stathmin | O0138 | 3925 | STMN1 | P | NP_001138926.1 | | | | y | n/d | y |
| 407 | Leptin | L3410 | 3952 | LEP | P | NP_000221.1 | | | | y | y | n/d |
| 409 | LIM Kinase 1 | L2290 | 3984 | LIMK1 | P | NP_001191355.1_NP_002305.1 | | | | y | y | y |
| 415 | Mad2 | M8694 | 4085 | MAD2L1 | M | NP_002349.1 | | | | y | n/d | n/d |
| 677 | Smad4 (DPC4) | S3934 | 4089 | SMAD4 | M | NP_005350.1 | | | | y | n/d | n/d |
| 435 | MAP1b | M4528 | 4131 | MAP1B | M | NP_005900.2 | | | | y | y | y |
| 431 | MAP2 (2a+2b) | M2320 | 4133 | MAP2 | M | NP_001034627.1 | | | | y | y | y |
| 436 | MAP2 | M9942 | 4133 | MAP2 | M | NP_001034627.1 | | | | y | y | y |
| 708 | Tau | T9450 | 4137 | MAPT | M | NP_001116538.2_NP_001116539.1_NP_001190180.1_NP_001190181.1_NP_005901.2_NP_058518.1_NP_058519.3_NP_058525.1 | | | | y | y | y |

| | | | | | | | | | | | | |
|-----|--|-------|------|---------|---|---|--|--|--|-----|-----|-----|
| 591 | PKR | P0244 | 5610 | EIF2AK2 | P | NP_001129123.1 | | | | y | n/d | n/d |
| 62 | Prion protein | P0110 | 5621 | PRNP | M | NP_000302.1, NP_001073590.1 , NP_001073591.1 , NP_001073592.1, NP_898902.1 , | | | | y | y | y |
| 561 | Peripherin | P5117 | 5630 | PRPH | M | NP_006253.2 | | | | y | y | y |
| 596 | Presenilin-1 (S182) | P7854 | 5663 | PSEN1 | P | NP_000012.1, NP_015557.2 | | | | y | y | y |
| 614 | PTEN | P7482 | 5728 | PTEN | P | NP_000305.3 | | | | y | n/d | y |
| 615 | PTEN | P3487 | 5728 | PTEN | M | NP_000305.3 | | | | y | y | y |
| 186 | COX II | C9354 | 5743 | PTGS2 | M | NP_000954.1 | | | | y | n/d | n/d |
| 262 | Focal Adhesion Kinase (pp125FAK) | F2918 | 5747 | PTK2 | P | NP_001186578.1 | | | | y | y | y |
| 263 | FAK Phospho (pSer772) | F9051 | 5747 | PTK2 | P | NP_001186578.1 | | | | y | y | y |
| 266 | phospho-FAK (pTyr397) | F7926 | 5747 | PTK2 | P | NP_001186578.1 | | | | y | y | y |
| 627 | RAD1 | R5029 | 5810 | RAD1 | P | NP_002844.1 | | | | y | n/d | n/d |
| 556 | Paxillin | P1093 | 5829 | PXN | M | NP_001074324.1 | | | | y | n/d | y |
| 623 | Rab5 | R7904 | 5868 | RAB5A | M | NP_004153.2 | | | | y | y | y |
| 628 | Rad17 (C-terminal) | R8029 | 5884 | RAD17 | P | NP_002864.1 | | | | y | n/d | n/d |
| 629 | Raf-1/c-Raf | R2404 | 5894 | RAF1 | M | NP_002871.1 | | | | y | y | y |
| 630 | Raf-1 | R5773 | 5894 | RAF1 | P | NP_002871.1 | | | | y | n/d | y |
| 634 | RALAR | R8529 | 5898 | RALA | M | NP_005393.2 | | | | y | y | y |
| 635 | Ran | R4777 | 5901 | RAN | M | NP_006316.1 | | | | y | y | n/d |
| 640 | Retinoblastoma | R6775 | 5925 | RB1 | P | NP_000312.2 | | | | y | n/d | n/d |
| 641 | phospho-Retinoblastoma (pSer795) | R6878 | 5925 | RB1 | M | NP_000312.2 | | | | y | y | y |
| 638 | RbAp48/RbAp46 | R3779 | 5928 | RBBP4 | P | NP_001128727.1 | | | | y | n/d | n/d |
| 645 | RNase L | R3529 | 6041 | RNASEL | M | NP_069956.1 | | | | y | n/d | n/d |
| 646 | ROCK-1 | R6028 | 6093 | ROCK1 | P | NP_005397.1 | | | | y | y | y |
| 649 | Rsk1 | R5145 | 6195 | RPS6KA1 | P | NP_001006666.1 | | | | y | y | y |
| 654 | S6 Kinase | S4047 | 6198 | RPS6KB1 | P | NP_003152.1 | | | | y | y | y |
| 651 | S-100 (a-Subunit) | S2407 | 6271 | S100A1 | M | NP_006262.1 | | | | y | n/d | n/d |
| 652 | S-100 (?-Subunit) | S2532 | 6285 | S100B | M | NP_006263.1 | | | | y | n/d | y |
| 655 | SAPK3 | S0315 | 6300 | MAPK12 | P | NP_002960.2 | | | | y | y | y |
| 664 | SGK | S5188 | 6446 | SGK1 | P | NP_001137148.1 | | | | y | n/d | n/d |
| 666 | Siah2 | S7945 | 6478 | SIAH2 | M | NP_005058.3 | | | | y | y | n/d |
| 319 | hBRM/hSNF2? | H9787 | 6595 | SMARCA2 | P | NP_003061.3 | | | | y | n/d | n/d |
| 78 | Brg1/hSNF2? | B8184 | 6597 | SMARCA4 | P | NP_001122316.1 , NP_001122317.1 , NP_001122318.1 , NP_001122319.1 , NP_001122320.1 , NP_001122321.1 , NP_003063.2 | | | | y | n/d | n/d |
| 375 | hSNF5/INI1 | H9912 | 6598 | SMARCB1 | P | NP_001007469.1 , NP_003064.2 | | | | y | n/d | n/d |
| 54 | BAF57 | B0436 | 6605 | SMARCE1 | P | NP_003070.3 | | | | y | y | n/d |
| 679 | SMN | S2944 | 6606 | SMN1 | M | NP_000335.1 , NP_075012.1 | | | | y | y | n/d |
| 682 | SNAP-25 | S9684 | 6616 | SNAP25 | P | NP_003072.2 | | | | n/d | y | y |
| 703 | a-Synuclein | S3062 | 6622 | SNCA | P | NP_000336.1 , NP_001139526.1 , NP_001139527.1 , NP_009292.1 | | | | y | n/d | y |
| 698 | a1 Syntrophin | S4688 | 6640 | SNTA1 | P | NP_003089.1 | | | | n/d | n/d | y |
| 685 | Sp1 | S9809 | 6667 | SP1 | P | NP_003100.1 | | | | y | n/d | n/d |
| 656 | Spectrin (a and ?) | S3396 | 6708 | SPTA1 | M | NP_003117.2 | | | | y | n/d | n/d |
| 412 | LKB1 | L7917 | 6794 | STK11 | P | NP_000446.1 | | | | y | y | y |
| 687 | Striatin | S0696 | 6801 | STRN | P | NP_003153.2 | | | | n/d | y | y |
| 472 | Munc-18-1 | M2694 | 6812 | STXBP1 | P | NP_001027392.1 , NP_003156.1 | | | | n/d | y | y |
| 361 | SUV39H1 Histone Methyl Transferase | S8316 | 6839 | SUV39H1 | M | NP_003164.1 | | | | y | y | n/d |
| 693 | Synaptotagmin | S2177 | 6857 | SYT1 | P | NP_001129277.1 | | | | y | y | n/d |
| 688 | Substance P Receptor | S8305 | 6869 | TACR1 | P | NP_001049.1 | | | | y | y | y |
| 161 | TBP | T1827 | 6908 | TBP | M | NP_001165556.1 , NP_003185.1 | | | | y | n/d | n/d |
| 723 | TRF1 | T1948 | 7013 | TERF1 | M | NP_003209.2 | | | | y | n/d | n/d |
| 10 | AP2 | A7107 | 7020 | TFAP2A | M | NP_001027451.1 , NP_001035890.1 , NP_003211.1 | | | | y | n/d | n/d |
| 27 | AP-2a | A0844 | 7020 | TFAP2A | P | NP_001027451.1 , NP_001035890.1 , NP_003211.1 | | | | y | n/d | n/d |
| 621 | AP2 alpha | A9981 | 7020 | TFAP2A | M | NP_001027451.1 , NP_001035890.1 , NP_003211.1 | | | | y | n/d | n/d |
| 619 | AP2 beta | A9856 | 7021 | TFAP2B | M | NP_003212.2 | | | | y | n/d | n/d |
| 663 | AP2 gamma | A3108 | 7022 | TFAP2C | M | NP_003213.1 | | | | y | n/d | n/d |
| 230 | DP2 | D7438 | 7029 | TFDP2 | M | NP_001171609.1 | | | | y | n/d | n/d |
| 721 | Transforming Growth Factor-?, pan | T9429 | 7040 | TGFB1 | P | NP_000651.3 | | | | y | n/d | n/d |
| 746 | Tyrosin hydroxylase | T2928 | 7054 | TH | M | NP_000351.2 , NP_954986.2 , NP_954987.2 | | | | y | n/d | y |
| 712 | Thimet Oligopeptidase 1 | T7076 | 7064 | THOP1 | M | NP_003240.1 | | | | y | n/d | n/d |
| 406 | LAP2 (TMPO) | L3414 | 7112 | TMPO | M | NP_001027454.1 , NP_001027455.1 , NP_003267.1 | | | | y | n/d | n/d |
| 714 | Tumor Necrosis Factor Soluble Receptor?II? | T1815 | 7124 | TNF | M | NP_000585.2 | | | | y | n/d | n/d |
| 741 | Tumor Necrosis Factor-a | T8300 | 7124 | TNF | P | NP_000585.2 | | | | y | n/d | n/d |
| 717 | Topoisomerase-I | T8573 | 7150 | TOP1 | M | NP_003277.1 | | | | y | n/d | n/d |
| 538 | p53 | P5813 | 7157 | TP53 | M | NP_000537.3 , NP_001119584.1 , NP_001119585.1 , NP_001119586.1 | | | | y | n/d | n/d |
| 539 | p53 | P6874 | 7157 | TP53 | M | NP_000537.3 , NP_001119584.1 , NP_001119585.1 , NP_001119586.1 | | | | y | n/d | n/d |
| 540 | phospho-p53 (pSer392) | P8982 | 7157 | TP53 | P | NP_000537.3 , NP_001119584.1 , NP_001119585.1 , NP_001119586.1 | | | | y | y | n/d |
| 543 | p53 BP1 | B4561 | 7158 | TP53BP1 | P | NP_001135451.1 | | | | y | n/d | n/d |
| 544 | p53 BP1 | B4436 | 7158 | TP53BP1 | P | NP_001135451.1 | | | | y | n/d | n/d |
| 43 | ASPP2 | A4480 | 7159 | TP53BP2 | M | NP_001026855.2 | | | | y | y | n/d |
| 726 | Tryptophane Hydroxylase | T0678 | 7166 | TPH1 | M | NP_004170.1 | | | | y | n/d | y |
| 724 | Tropomyosin | T2780 | 7168 | TPM1 | M | NP_000357.3 , NP_001018004.1 , NP_001018005.1 , P_001018006.1 , NP_001018007.1 , NP_001018008.1 , NP_001018020.1 | | | | y | y | y |
| 725 | Tropomyosin (Sarcomeric) | T9283 | 7168 | TPM1 | M | NP_000357.3 , NP_001018004.1 , NP_001018005.1 , P_001018006.1 , NP_001018007.1 , NP_001018008.1 , NP_001018020.1 | | | | y | n/d | y |
| 315 | GRP94 | G4420 | 7184 | HSP90B1 | P | NP_003290.4 | | | | y | y | n/d |
| 727 | TSG101 | T5826 | 7251 | TSG101 | P | NP_006283.1 | | | | y | y | y |
| 363 | hMps1 | M5818 | 7272 | ITK | M | NP_001160163.1 | | | | y | n/d | n/d |
| 728 | a-Tubulin | T6074 | 7277 | TUBA4A | M | NP_005991.1 | | | | y | y | y |
| 729 | a-Tubulin | T6199 | 7277 | TUBA4A | M | NP_005991.1 | | | | y | y | y |
| 739 | Tubulin, Polyglutamylated | T9822 | 7277 | TUBA4A | M | NP_005991.1 | | | | y | y | y |
| 740 | Tubulin, Tyrosine | T9028 | 7277 | TUBA4A | M | NP_005991.1 | | | | y | n/d | n/d |
| 735 | g-Tubulin | T5326 | 7283 | TUBG1 | M | NP_001061.2 | | | | y | y | y |
| 736 | g-Tubulin | T3559 | 7283 | TUBG1 | P | NP_001061.2 | | | | y | n/d | n/d |
| 737 | g-Tubulin | T3320 | 7283 | TUBG1 | P | NP_001061.2 | | | | y | n/d | y |
| 748 | Ubiquitin | U0508 | 7314 | UBB | M | NP_061828.1 | | | | y | y | y |
| 690 | SUMO-1 | S8070 | 7341 | SUMO1 | P | NP_001005781.1 , NP_001005782.1 , NP_003343.1 | | | | y | n/d | n/d |
| 691 | SUMO-1 (C-terminal) | S5446 | 7341 | SUMO1 | P | NP_001005781.1 , NP_001005782.1 , NP_003343.1 | | | | y | n/d | n/d |
| 749 | Ubiquitin C-terminal Hydrolase L1 | U5133 | 7345 | UCHL1 | P | NP_004172.2 , | | | | y | y | y |
| 750 | Ubiquitin C-terminal Hydrolase L1 | U5258 | 7345 | UCHL1 | P | NP_004172.2 , | | | | y | y | y |
| 759 | Vinculin | V4505 | 7414 | VCL | M | NP_003364.1 , NP_054706.1 | | | | y | y | n/d |
| 753 | VDAC/Porin | V2139 | 7416 | VDAC1 | P | NP_003365.1 , | | | | y | y | y |
| 259 | Ezrin | E8897 | 7430 | EZR | M | NP_001104547.1 | | | | y | y | n/d |
| 758 | Vimentin | V6389 | 7431 | VIM | M | NP_003371.2 | | | | y | n/d | y |
| 752 | Vanilloid Receptor-1 | V2764 | 7442 | TRPV1 | P | NP_061197.4 | | | | n/d | n/d | y |
| 760 | Vitronectin | V7881 | 7448 | VTN | M | NP_000629.3 | | | | y | n/d | n/d |
| 764 | ZAP-70 | Z0627 | 7535 | ZAP70 | M | NP_001070.2 , NP_997402.1 | | | | y | y | n/d |
| 766 | Zyxin | Z0377 | 7791 | ZYX | M | NP_001010972.1 | | | | y | y | y |
| 625 | Rab 7 | R8779 | 7879 | RAB7A | M | NP_004628.4 | | | | y | y | y |
| 417 | MAFF | M8194 | 7975 | MAFK | P | NP_002351.1 | | | | y | n/d | n/d |

| | | | | | | | | | | |
|-----|---|-------|-------|-----------|---|---|--|-----|-----|-----|
| 176 | Coilin | C1862 | 8161 | COIL | M | NP_004636.1 | | y | n/d | n/d |
| 678 | SMC1L1 | S6446 | 8243 | SMC1A | P | NP_006297.2 | | y | n/d | n/d |
| 56 | BAP1 | B9303 | 8314 | BAP1 | M | NP_004647.1 | | y | n/d | n/d |
| 154 | Cdc7 Kinase | C6613 | 8317 | CDC7 | M | NP_001127891.1 | | y | n/d | n/d |
| 414 | Mad1 | M8069 | 8379 | MAD1L1 | M | NP_001013858.1, NP_001013859.1, NP_003541.2 | | y | n/d | n/d |
| 489 | Nck-2 | N2911 | 8440 | NCK2 | M | NP_001004720.1 | | y | n/d | y |
| 520 | O-GlcNAc Transferase | O6264 | 8473 | OGT | P | NP_858058.1, NP_858059.1 | | y | y | y |
| 298 | Gemin 2 | G6669 | 8487 | SIP1 | M | NP_001009182.1, NP_001009183.1, NP_003607.1 | | y | y | y |
| 320 | HAT1 (Histone acetyltransferase 1) | H7161 | 8520 | HAT1 | P | NP_003633.1 | | y | n/d | n/d |
| 149 | Cdc14A | C2238 | 8556 | CDC14A | M | NP_003663.2 | | y | n/d | n/d |
| 416 | MADD | M5683 | 8567 | MADD | P | NP_001129415.1 | | y | y | n/d |
| 110 | CASK/LIN2 | C4856 | 8573 | CASK | P | NP_001119526.1, NP_001119527.1, NP_003679.2 | | y | n/d | n/d |
| 546 | p63 | P3362 | 8626 | TP63 | M | NP_001108450.1, NP_001108451.1, NP_001108452.1, NP_001108453.1, NP_001108454.1, NP_003713.3 | | y | y | n/d |
| 547 | p63 | P3737 | 8626 | TP63 | M | NP_001108450.1, NP_001108451.1, NP_001108452.1, NP_001108453.1, NP_001108454.1, NP_003713.3 | | y | y | y |
| 132 | Caspase 13 (ERICE) | C8854 | 8628 | CASP13 | P | | | y | y | y |
| 15 | AKR1C3 | A6229 | 8644 | AKR1C3 | M | NP_003730.4 | | y | n/d | n/d |
| 231 | DR3 | D3563 | 8718 | TNFRSF25 | P | NP_001034753.1 | | y | n/d | n/d |
| 644 | RIP (Receptor Interacting Protein) | R8274 | 8737 | RIPK1 | P | NP_003795.2 | | y | n/d | n/d |
| 632 | RAIDD, Internal Domain | R9775 | 8738 | CRADD | P | NP_003796.1 | | y | n/d | n/d |
| 633 | RAIDD | R5275 | 8738 | CRADD | P | NP_003796.1 | | y | n/d | n/d |
| 31 | APRIL, Extracellular Domain | A1726 | 8741 | TNFSF13 | P | NP_001185551.1 | | y | n/d | n/d |
| 32 | APRIL, Extracellular Domain 2 | A1851 | 8741 | TNFSF13 | P | NP_001185551.1 | | y | n/d | n/d |
| 718 | TRAIL | T3067 | 8743 | TNFSF10 | M | NP_001177871.1 | | y | n/d | n/d |
| 719 | TRAIL | T9191 | 8743 | TNFSF10 | P | NP_001177871.1 | | y | n/d | n/d |
| 643 | RICK, C-Terminal | R9650 | 8767 | RIPK2 | P | NP_003812.1 | | y | y | y |
| 261 | FADD | F8053 | 8772 | FADD | M | NP_003815.1 | | y | n/d | n/d |
| 681 | SNAP-23 | S2194 | 8773 | SNAP23 | P | NP_003816.2 | | n/d | y | y |
| 680 | a/b -SNAP, C-terminus | S9444 | 8775 | NAPA | P | NP_003818.2 | | y | y | y |
| 219 | DcR2 | D3188 | 8793 | TNFRSF10D | P | NP_003831.2 | | y | n/d | n/d |
| 218 | DcR1 | D3566 | 8794 | TNFRSF10C | P | NP_003832.2 | | y | y | y |
| 234 | DR5 | D3938 | 8795 | TNFRSF10B | P | NP_003833.4, NP_671716.2 | | y | n/d | n/d |
| 233 | DR4 | D3813 | 8797 | TNFRSF10A | P | NP_003835.3 | | y | n/d | n/d |
| 410 | LIN-7 | L1538 | 8825 | LIN7A | P | NP_004655.1 | | n/d | n/d | y |
| 282 | FLIP?/, C-Terminal | F9925 | 8837 | CFLAR | P | NP_001120655.1 | | y | y | n/d |
| 325 | HDAC-3 | H6537 | 8841 | HDAC3 | M | NP_003874.2 | | y | y | n/d |
| 326 | HDAC-3 | H3034 | 8841 | HDAC3 | P | NP_003874.2 | | y | y | y |
| 316 | hABH1 | A8103 | 8846 | ALKBH1 | M | NP_006011.2 | | y | n/d | n/d |
| 531 | p300/CBP | P2859 | 8850 | KAT2B | M | NP_003875.3 | | y | y | y |
| 557 | PCAF | P7493 | 8850 | KAT2B | P | NP_003875.3 | | y | n/d | n/d |
| 533 | p35 (Cdk5 Regulator) | P9489 | 8851 | CDK5R1 | P | NP_003876.1 | | y | n/d | y |
| 61 | Bcl-10 | B7806 | 8915 | BCL10 | M | NP_003912.1 | | y | n/d | n/d |
| 63 | Bcl-10 | B0431 | 8915 | BCL10 | P | NP_003912.1 | | y | y | y |
| 440 | MBD4 | M9817 | 8930 | MBD4 | P | NP_003916.1 | | n/d | y | n/d |
| 438 | MBD2a | M7568 | 8932 | MBD2 | P | NP_003918.1 | | y | y | n/d |
| 439 | MBD2a,b | M7318 | 8932 | MBD2 | P | NP_003918.1 | | y | y | n/d |
| 761 | WAVE | W0392 | 8936 | WASF1 | P | NP_001020105.1 | | y | y | y |
| 33 | ARC, C-Terminal | A8344 | 8996 | NOL3 | P | NP_00111986.1 | | y | n/d | n/d |
| 762 | WSTF | W3516 | 9031 | BAZ1B | P | NP_115784.1 | | y | y | n/d |
| 571 | PIAS-x | P9498 | 9063 | PIAS2 | M | NP_004662.2 | | y | n/d | n/d |
| 466 | MTA1 | M1320 | 9112 | MTA1 | M | NP_001190187.1 | | y | y | y |
| 467 | MTA1 | M7693 | 9112 | MTA1 | P | NP_001190187.1 | | y | n/d | n/d |
| 390 | a-Internexin | I0282 | 9118 | INA | M | NP_116116.1 | | y | n/d | y |
| 30 | Apoptosis Inducing Factor (AIF) | A7549 | 9131 | AIFM1 | M | NP_001124318.1, NP_001124319.1, NP_004199.1, NP_665811.1, NP_665812.1 | | y | y | n/d |
| 50 | Aurora-B | A5102 | 9212 | AURKB | P | NP_004208.2 | | y | y | y |
| 465 | MTA 2 | M7569 | 9219 | MTA2 | M | NP_004730.2 | | y | y | y |
| 468 | MTA2/MTA1L | M7818 | 9219 | MTA2 | P | NP_004730.2 | | y | n/d | n/d |
| 464 | MSK-1 | M5437 | 9252 | RPS6KA5 | P | NP_004746.2 | | n/d | n/d | y |
| 426 | MAP Kinase Activated Protein Kinase-2 (MAPKAPK-2) | M3550 | 9261 | MAPKAPK2 | P | NP_004750.1 | | y | y | n/d |
| 236 | DRAK1 | D1314 | 9263 | STK17A | P | NP_004751.2 | | y | y | y |
| 311 | GRP1 | G6541 | 9265 | CYTH3 | M | NP_004218.1 | | y | n/d | y |
| 34 | ARNO (Cytohesin-2) | A4721 | 9266 | CYTH2 | M | NP_004219.3 | | y | n/d | y |
| 202 | Cytohesin-1 | C8979 | 9267 | CYTH1 | M | NP_004753.1 | | y | n/d | n/d |
| 626 | Rab9 | R5404 | 9367 | RAB9A | M | NP_001182257.1 | | y | y | y |
| 647 | ROCK-2 | R8653 | 9475 | ROCK2 | P | NP_004841.2 | | y | y | n/d |
| 702 | Syntaxin 8 | S8945 | 9482 | STX8 | P | NP_004844.1 | | n/d | n/d | y |
| 286 | FXR2 | F1554 | 9513 | FXR2 | M | NP_004851.2 | | y | n/d | n/d |
| 525 | p130CAS | C0354 | 9564 | BCAR1 | P | NP_001164185.1 | | y | y | y |
| 445 | MDC1 | M2444 | 9656 | MDC1 | M | NP_005456.2 | | y | n/d | n/d |
| 339 | HDRP/MITR | H9163 | 9734 | HDAC9 | P | NP_001191073.1, NP_001191074.1, NP_001191075.1 | | y | y | n/d |
| 327 | HDAC-4 | H9411 | 9759 | HDAC4 | P | NP_006028.2 | | y | y | y |
| 328 | HDAC-4 | H9536 | 9759 | HDAC4 | P | NP_006028.2 | | y | y | y |
| 763 | Y14 | Y1253 | 9939 | RBM8A | M | NP_005096.1 | | y | n/d | n/d |
| 397 | Kaiso | K4263 | 10009 | ZBTB33 | M | NP_001171671.1, NP_006768.1 | | y | y | y |
| 332 | HDAC-6 | H2287 | 10013 | HDAC6 | P | NP_006035.2 | | y | y | n/d |
| 330 | HDAC-5 | H4538 | 10014 | HDAC5 | M | NP_001015053.1 | | y | y | y |
| 331 | HDAC-5 | H8163 | 10014 | HDAC5 | P | NP_001015053.1 | | y | y | y |
| 71 | Bim | B7929 | 10018 | BCL2L11 | P | NP_001191035.1 | | y | y | y |
| 37 | ARP3 | A5979 | 10096 | ACTR3 | M | NP_005712.1 | | y | y | y |
| 36 | ARP2 | A6104 | 10097 | ACTR2 | M | NP_001005386.1 | | y | y | y |
| 35 | Arp1a/Centractin | A5601 | 10121 | ACTR1A | P | NP_005727.1 | | y | y | y |
| 715 | Tob | T2948 | 10140 | TOB1 | M | NP_005740.1 | | y | n/d | n/d |
| 16 | Aly | A9979 | 10189 | THOC4 | M | NP_005773.3 | | y | n/d | n/d |
| 602 | PRMT3 | P9370 | 10196 | PRMT3 | M | NP_001138638.1 | | y | y | y |
| 518 | NTF2 | N9527 | 10204 | NUTF2 | M | NP_005787.1 | | y | y | y |
| 701 | Syntaxin 6 | S9067 | 10228 | STX6 | M | NP_005810.1 | | y | y | y |
| 674 | Beta tubulin III (neuronal) | T8578 | 10381 | TUBB3 | M | NP_001184110.1, NP_006077.2 | | y | y | y |
| 733 | b -Tubulin III | T5076 | 10381 | TUBB3 | M | NP_001184110.1, NP_006077.2 | | y | y | y |
| 734 | β-Tubulin IV | T7941 | 10382 | TUBB4 | M | NP_006078.2 | | y | y | y |
| 604 | PRMT5 | P0493 | 10419 | PRMT5 | M | NP_001034708.1 | | y | y | y |
| 707 | TAP | T1076 | 10482 | NXF1 | M | NP_001074960.1 | | y | n/d | n/d |
| 603 | PRMT4 | P4995 | 10498 | CARM1 | P | NP_954592.1 | | y | n/d | n/d |
| 250 | Endothelial Cell Protein C Receptor | E6280 | 10544 | PROCR | M | NP_006395.2 | | y | n/d | n/d |
| 193 | CUG-BP1 | C5112 | 10658 | CUGBP1 | M | NP_001020767.1 | | y | y | y |
| 287 | FRS2 (SNT-1) | F9052 | 10818 | FRS2 | P | NP_001036020.1 | | y | y | y |
| 376 | iASPP | A4605 | 10848 | PPP1R13L | M | NP_001135974.1 | | y | y | n/d |

| | | | | | | | | | | |
|-----|--|-------|-------|-----------|---|---|--|-----|-----|-----|
| 289 | G9a Methyltransferase | G6919 | 10919 | EHMT2 | P | NP_006700.3 | | y | n/d | n/d |
| 25 | AOP1 | A7674 | 10935 | PRDX3 | M | NP_006784.1 | | y | y | y |
| 562 | Peroxioredoxin 3 | P1247 | 10935 | PRDX3 | P | NP_006784.1 | | y | n/d | n/d |
| 391 | JAB 1 | J3395 | 10987 | COP55 | P | NP_006828.2 | | y | y | y |
| 392 | JAB 1 | J3020 | 10987 | COP55 | P | NP_006828.2 | | y | y | y |
| 224 | Destrin/ADF | D8940 | 11034 | DSTN | P | NP_001011546.1 | | y | y | y |
| 399 | KIF3A | K3513 | 11127 | KIF3A | P | NP_008985.3 | | y | y | y |
| 165 | Chk2 | C9108 | 11200 | CHEK2 | M | NP_001005735.1_NP_009125.1_NP_665861.1 | | y | n/d | n/d |
| 166 | Chk2 | C9233 | 11200 | CHEK2 | M | NP_001005735.1_NP_009125.1_NP_665861.1 | | y | n/d | n/d |
| 299 | Gemin 3 | G6544 | 11218 | DDX20 | M | NP_009135.4 | | y | n/d | n/d |
| 258 | Exportin T | E1531 | 11260 | XPOT | M | NP_009166.2 | | y | y | y |
| 441 | MBDin/XAB1 | M1944 | 11321 | GNP1 | P | NP_001138519.1 | | y | n/d | n/d |
| 747 | U2AF65 | U4758 | 11338 | U2AF2 | M | NP_001012496.1 | | y | y | y |
| 694 | Synaptopodin | S9442 | 11346 | SYNPO | P | NP_001103444.1 | | n/d | n/d | y |
| 695 | Synaptopodin | S9567 | 11346 | SYNPO | P | NP_001103444.1 | | n/d | n/d | y |
| 53 | BAD | B0559 | 12015 | Bad | M | NP_031548.1 | | n/d | y | n/d |
| 60 | Bax | B9054 | 12028 | Bax | M | NP_031553.1 | | n/d | y | n/d |
| 65 | Bcl-2 | B9804 | 12043 | Bcl2 | M | NP_033871.2 | | n/d | y | y |
| 70 | BID | B3183 | 12122 | Bid | P | NP_031570.2 | | n/d | y | n/d |
| 130 | Caspase 11 | C1354 | 12363 | Casp4 | M | NP_031635.2 | | n/d | y | n/d |
| 131 | Caspase 12 | C7611 | 12364 | Casp12 | M | NP_033938.3 | | n/d | y | y |
| 135 | a-N-Catenin | C8239 | 12386 | Cttna2 | P | NP_001103234.1 | | n/d | y | n/d |
| 222 | Desmin | D1033 | 13346 | Des | M | NP_034173.1 | | y | y | y |
| 658 | Ga-1b | Q4962 | 15040 | H2-T23 | M | NP_034528.1 | | n/d | y | n/d |
| 348 | Heat Shock Protein 110 | H7287 | 15505 | Hsph1 | P | NP_038587.2 | | n/d | y | y |
| 398 | KIF17 | K3638 | 16559 | Kif17 | P | NP_001177907.1 | | n/d | y | y |
| 400 | KSR | K4261 | 16706 | Ksr1 | M | NP_038599.1 | | n/d | y | n/d |
| 454 | Melanocortin-3 Receptor | M4937 | 17201 | Mc3r | P | NP_032587.1 | | n/d | n/d | y |
| 446 | MDM2 | M8558 | 17246 | Mdm2 | M | NP_034916.1 | | n/d | y | n/d |
| 514 | Nitric Oxide Synthase, Inducible (i-NOS) | N7782 | 18126 | Nos2 | P | NP_035057.1 | | n/d | y | y |
| 580 | Protein Kinase Ca | P4334 | 18750 | Prkca | P | NP_035231.2 | | n/d | y | y |
| 588 | Protein Kinase C α | P0713 | 18762 | Prkcz | P | NP_001034168.1 | | n/d | y | y |
| 597 | Prion Protein | P5999 | 19122 | Prnp | M | NP_035300.1 | | n/d | y | y |
| 639 | Reelin | R4904 | 19699 | Reln | P | NP_035391.2 | | n/d | y | y |
| 699 | a1 Syntrophin | S4813 | 20648 | Snta1 | P | NP_033254.2 | | n/d | n/d | y |
| 742 | Tumor Necrosis Factor-a | T2824 | 21926 | Tnf | P | NP_038721.1 | | n/d | y | y |
| 294 | GAP1IP4BP | G6666 | 22821 | RASA3 | M | NP_031394.2 | | y | n/d | n/d |
| 413 | LDS1 | L4793 | 23028 | AOF2 | P | NP_001009999.1 | | y | n/d | n/d |
| 41 | ASC-2 | A5355 | 23054 | NCOA6 | M | NP_054790.2 | | y | n/d | n/d |
| 249 | ELKS | E4531 | 23085 | ERC1 | M | NP_829883.1 | | y | y | y |
| 569 | PhosphatidySerine Receptor (PSR) | P1495 | 23210 | JMJD6 | P | NP_001074930.1 | | y | y | n/d |
| 42 | ASPP1 | A4355 | 23368 | PPP1R13B | M | NP_056131.2 | | y | y | n/d |
| 508 | Nicastrin | N1660 | 23385 | NCSTN | P | NP_056146.1 | | y | y | y |
| 221 | DEDAF | D3316 | 23429 | RYBP | P | NP_036366.3 | | y | y | y |
| 549 | PAD14 | P4749 | 23569 | PADI4 | P | NP_036519.2 | | y | n/d | n/d |
| 215 | DAP Kinase 2 | D3191 | 23604 | DAFK2 | P | NP_055141.2 | | y | y | y |
| 51 | BACE-1 | B0806 | 23621 | BACE1 | P | NP_036236.1 | | y | n/d | n/d |
| 100 | Calmodulin | C7055 | 24242 | Calm1 | M | NP_114175.1 | | n/d | n/d | y |
| 493 | Nerve growth factor receptor (NGFR p75) | N3908 | 24596 | Ngfr | P | NP_036742.2 | | n/d | n/d | y |
| 585 | Protein Kinase C γ | P8083 | 24681 | Prkcg | M | NP_036760.1 | | n/d | n/d | y |
| 581 | Protein Kinase C β 1 | P3078 | 25023 | Prkcb | P | NP_001165776.1 | | n/d | n/d | y |
| 582 | Protein Kinase C β 1 | P6959 | 25023 | Prkcb | M | NP_001165776.1 | | n/d | n/d | y |
| 583 | Protein Kinase C β 2 | P3203 | 25023 | Prkcb | P | NP_001165776.1 | | n/d | n/d | y |
| 584 | Protein Kinase C β 3 | P2584 | 25023 | Prkcb | M | NP_001165776.1 | | n/d | n/d | y |
| 433 | MAP1 | M4278 | 25152 | Map1a | M | NP_112257.1 | | n/d | y | y |
| 310 | GRK 2 | G7670 | 25238 | Adrbk1 | M | NP_036908.1 | | y | n/d | y |
| 478 | Myosin IX/Myr5 | M5566 | 25486 | Myo9b | P | NP_037116.1 | | n/d | n/d | y |
| 667 | Sin3A, N-terminal | S4445 | 25942 | SIN3A | P | NP_001138829.1 | | y | y | y |
| 668 | Sin3A, C-Terminal | S6695 | 25942 | SIN3A | P | NP_001138829.1 | | y | n/d | n/d |
| 548 | PABP | P6246 | 26986 | PABPC1 | M | NP_002559.2 | | y | n/d | n/d |
| 470 | MTBP | M3566 | 27085 | MTBP | P | NP_071328.2 | | y | n/d | n/d |
| 616 | PUMA/bbc3, C-Terminal | P4618 | 27113 | BBC3 | P | NP_001120712.1 | | y | y | n/d |
| 617 | PUMA/bbc3, N-Terminal | P4743 | 27113 | BBC3 | P | NP_001120712.1 | | y | n/d | n/d |
| 235 | DR6 | D1564 | 27242 | TNFRSF21 | P | NP_055267.1 | | y | n/d | n/d |
| 506 | NAK (NFkB-Activating Kinase) | N2661 | 29110 | TBK1 | M | NP_037386.1 | | y | n/d | y |
| 587 | Protein Kinase7C? | P8458 | 29340 | Prkce | P | NP_058867.1 | | n/d | n/d | y |
| 170 | CIN85 | C8116 | 30011 | SH3KBP1 | P | NP_001019837.1_NP_001171889.1_NP_114098.1 | | y | y | y |
| 542 | p53R2i | P4993 | 50484 | RRM2B | P | NP_001165948.1_NP_001165949.1_NP_056528.2 | | y | y | y |
| 40 | ASAP1/Centaurin ?4 | A4227 | 50807 | ASAP1 | P | NP_060952.2 | | y | y | y |
| 738 | e-Tubulin | T1323 | 51175 | TUBE1 | M | NP_057346.1 | | y | y | n/d |
| 396 | KCNK9 (TASK-3) | K0514 | 51305 | KCNK9 | M | NP_057685.1 | | y | n/d | n/d |
| 745 | TWEAK Receptor/Fn-14 | T9700 | 51330 | TNFRSF12A | M | NP_057723.1 | | y | n/d | n/d |
| 272 | FBI-1/PAKEMON | F9429 | 51341 | ZBTB7A | P | NP_056982.1 | | y | n/d | n/d |
| 155 | Cdh1 | C7855 | 51343 | FZR1 | M | NP_001129669.1 | | y | n/d | n/d |
| 333 | HDAC-7 | H2537 | 51564 | HDAC7 | P | NP_001091886.1 | | y | y | y |
| 334 | HDAC-7 | H6663 | 51564 | HDAC7 | M | NP_001091886.1 | | y | y | n/d |
| 636 | PIASy | P0104 | 51588 | PIAS4 | M | NP_056981.2 | | y | n/d | n/d |
| 637 | RAP1 | R8154 | 54386 | TERF2IP | M | NP_061848.2 | | y | n/d | n/d |
| 697 | SynCAM | S4945 | 54725 | Cadm1 | P | NP_001020771.1 | | n/d | y | y |
| 605 | PRMT6 | P6495 | 55170 | PRMT6 | P | NP_060607.2 | | y | n/d | n/d |
| 606 | PRMT6 | P2996 | 55170 | PRMT6 | M | NP_060607.2 | | y | n/d | n/d |
| 9 | Actopaxin | A1226 | 55742 | PARVA | P | NP_060692.2 | | y | n/d | n/d |
| 560 | Pen-2 | P5622 | 55851 | PSENE1 | P | NP_758844.1 | | y | n/d | n/d |
| 335 | HDAC-8 | H6412 | 55869 | HDAC8 | M | NP_001159890.1 | | y | n/d | n/d |
| 523 | p115/TAP | P3118 | 56042 | Uso1 | M | NP_062252.1 | | n/d | n/d | y |
| 689 | SMAC/Diablo | S0941 | 56616 | DIABLO | P | NP_063940.1 | | y | y | n/d |
| 716 | TOM22 | T6319 | 56993 | TOMM22 | M | NP_064628.1 | | y | n/d | n/d |
| 756 | VGLUT 1 | V0389 | 57030 | SLC17A7 | P | NP_064705.1 | | y | n/d | n/d |
| 757 | VGLUT 2 | V2639 | 57084 | SLC17A6 | P | NP_065079.1 | | n/d | n/d | y |
| 469 | MTA3L | M0819 | 57504 | MTA3 | P | NP_065795.1 | | y | n/d | n/d |
| 631 | Sorting Nexin 6 (SNX6) | S6324 | 58533 | SNX6 | M | NP_689419.2 | | y | y | y |
| 661 | Serine/Threonine Protein Phosphatase 2 A/B? pan2 | P8359 | 60660 | Ppp2r2b | P | NP_071545.2 | | n/d | n/d | y |
| 711 | Tenascin | T2551 | 63923 | TNN | M | NP_071376.1 | | y | n/d | n/d |
| 105 | Claspin | C7867 | 63967 | CLSPN | P | NP_001177410.1 | | y | n/d | n/d |
| 563 | PERP | P5243 | 64065 | PERP | P | NP_071404.2 | | y | n/d | n/d |

