

Table S1. Identification and relative quantification of proteins from the forward and reverse labeling experiments.

Flybase ID ^a	Peptide sequences identified ^b	Obs ^c	Charge state	Score ^c	Expect ^c	Ratio (PD-like/control) ^d	Experiment ^e	Fraction ^f
FBgn0000053	K.SVAHVTHGLLNDILR.L	562.98	3	58	6.70E-05	1.13	F	F5
FBgn0000055	K.LDLGTLEAIQWTK.H	786.43	2	51	0.0008	0.60	F	F1
FBgn0000055	K.TVDVLINGAGILDDHQIER.T	1060.56	2	122	3.60E-11	1.07	F	F2
FBgn0000064	R.LQDIGVENTEDNRR.A	852.43	2	37	0.0079	1.01	F	F1
FBgn0000064	K.RLQDIGVENTEDNR.R	850.91	2	41	0.0039	1.03	F	F1
FBgn0000064	R.IVPIVEPEVLPDGDHDLDR.A	1085.56	2	100	6.20E-09	1.27	F	F2
FBgn0000084	K.GFGTDEQEIIDVLVGR.S	895.46	2	29	0.089	1.07	F	F1
FBgn0000100	K.VVELFDEFPK.C	653.84	2	51	0.00054	1.26	F	F1
FBgn0000116	R.VPFSHDDR.L	507.73	2	34	0.0049	1.00	F	F2
FBgn0000116	R.GEHTEAEGGVYDISNK.R	895.4	2	41	0.0015	0.84	F	F1
FBgn0000116	K.TDKHPASNFGDVSTFGNVDPPTNEYVISTR.V	1086.86	3	43	0.0016	0.76	F	F1
FBgn0000116	R.LVTAVNEIEKR.V	678.38	2	43	0.0037	0.68	F	F1
FBgn0000116	R.GEHTEAEGGVYDISNK.R	976.47	2	53	0.00018	0.84	F	F3
FBgn0000116	R.LGFLTFCPTNLGTTIR.A	927	2	57	0.00013	1.34	F	F1
FBgn0000116	K.TFLVWCNEEDHLR.I	882.42	2	61	3.00E-05	2.70	F	F1
FBgn0000116	K.HPASNFGDVSTFGNVDPPTNEYVISTR.V	1433.68	2	75	9.10E-07	0.81	F	F1
FBgn0000165	R.VLAAIDQGYVEDSSGNRIPLDEV.R	886.79	3	42	0.0028	0.70	F	F1
FBgn0000165	K.ALELLFQRPLEPAFTTR.D	682.05	3	44	0.0012	0.97	F	F1
FBgn0000261	K.NFTQVHADFG.R	667.32	2	51	0.00031	1.00	F	F2
FBgn0000261	R.LVQNIAGHLNANASQFLQER.A	1085.58	2	61	4.40E-05	1.41	F	F2
FBgn0000261	R.GPILLQDVNFLDEMESHFDR.E	1144.57	2	110	5.00E-10	0.87	F	F1
FBgn0000313	K.LDLSGDRNDPTNLQTLR.N	657.34	3	33	0.03	1.11	F	F1
FBgn0000313	K.MSHGYSGSALPAEPLR.H	859.43	2	38	0.0057	1.35	F	F3
FBgn0000313	R.MLDLSNNDLNTVPLMTQALPHLR.R	884.47	3	38	0.011	1.85	F	F1
FBgn0000313	R.IVDFSHNHLR.G	641.84	2	44	0.0028	1.30	F	F5
FBgn0000313	K.VFMLHMENTGLR.E	745.37	2	53	0.00032	1.19	F	F1
FBgn0000313	R.LHYFEYGCLDSLPHLR.S	689.01	3	54	0.00022	2.83	F	F5
FBgn0000313	R.TFFDGNPIHTLR.E	730.37	2	60	7.00E-05	1.35	F	F3
FBgn0000313	K.RLDFSENGISSIENAFHEIGHSLISLK.M	1071.54	3	62	3.10E-05	1.17	F	F4
FBgn0000313	K.ISGNHLTEIPDDAFTGLER.S	1064.03	2	69	8.30E-06	1.25	F	F1
FBgn0000313	K.LAVLDLSHNR.D	590.33	2	77	9.40E-07	1.17	F	F1
FBgn0000313	R.FNHLTSISQHTFFDLEALR.K	1159.58	2	90	5.60E-08	1.06	F	F4
FBgn0000313	R.LLLTDNILSEIPYDALGPLK.S	1141.65	2	93	8.40E-09	1.15	F	F1
FBgn0000318	K.DPNTHLIFLPTLLR.W	847.99	2	33	0.016	1.02	F	F1
FBgn0000318	R.KDPNTHLIFLPTLLR.W	931.54	2	50	0.00014	1.11	F	F1
FBgn0000319	K.LLLPWLES.R	586.35	2	43	0.002	1.02	F	F1
FBgn0000319	R.EHLELFWSR.V	629.82	2	54	0.00028	0.70	F	F2
FBgn0000319	K.AINEALNGLLIDEEDYQGLR.N	1144.58	2	92	4.00E-08	1.09	F	F1
FBgn0000557	K.CLIDALDAILPPQRPTDKPLR.L	831.47	3	35	0.0082	2.02	F	F2

FBgn0000557	R.VETGLLKPGMVVNFAPVNLVTEVK.S	894.17	3	46	0.00035	0.92	F	F1
FBgn0000559	K.DLVFITHPDQR.E	693.37	2	32	0.044	1.56	F	F3
FBgn0000559	R.NMSVIAHVDHGK.S	696.34	2	59	7.20E-05	1.11	F	F3
FBgn0000579	K.VNQIGTVTESIAAHLAK.K	975.05	2	43	0.0013	0.74	F	F1
FBgn0000579	K.MGSEVYHHLK.N	642.81	2	48	0.00048	0.77	F	F2
FBgn0000579	K.LANLYQEFIK.D	661.86	2	54	0.00023	1.14	F	F1
FBgn0000579	R.AAVPSGASTGVHEALELR.D	903.97	2	94	3.00E-08	0.94	F	F2
FBgn0000639	R.QVESLIADVLLGR.L	727.92	2	46	0.0011	0.33	F	F1
FBgn0000639	R.FPQHLLLP.R.G	581.84	2	47	0.00069	0.54	F	F2
FBgn0000639	R.LSEIVLHNL.R.Q	618.36	2	57	5.30E-05	0.45	F	F3
FBgn0000667	K.AFEEWLLAETMR.L	770.89	2	36	0.011	0.92	F	F1
FBgn0000667	K.KKHEAFESDLAAHQDR.V	669.99	3	37	0.0096	1.36	F	F5
FBgn0000667	R.HRPDLIDYAK.L	656.34	2	50	0.00041	1.11	F	F2
FBgn0000667	K.ATLGEADKEFNLIVNLVR.E	1043.57	2	62	2.60E-05	0.80	F	F1
FBgn0000667	K.IHQAVQESMIFENR.Y	872.43	2	62	3.60E-05	0.97	F	F1
FBgn0000667	K.KHEAFESDLAAHQDR.V	919.43	2	62	2.50E-05	1.05	F	F5
FBgn0000667	R.LASDLLEWIR.R	629.35	2	63	3.80E-05	0.91	F	F1
FBgn0001098	R.ESNYHLLSVQESLER.R	989.49	2	53	0.00024	1.17	F	F3
FBgn0001098	K.TFIVQGFNVGLHTTR.Y	894.98	2	79	9.00E-07	0.85	F	F1
FBgn0001114	R.NVVHFGGNAGQVTLVGGQAGGATLAHALSLSGR.A	1034.55	3	99	3.30E-09	1.40	F	F4
FBgn0001125	R.EIYIPSPSWGNIHVAIFEHAGLPVNR.Y	949.16	3	33	0.023	1.09	F	F4
FBgn0001128	R.DLFQANHFR.V	595.29	2	47	0.0011	1.52	F	F3
FBgn0001128	K.AEGGIDLISHIITR.H	797.44	2	90	5.80E-08	1.61	F	F3
FBgn0001145	R.RPSSNCDPYSVVEAILR.T	1004.51	2	37	0.013	3.09	F	F3
FBgn0001145	K.HETSSINDFSAGVANR.G	873.91	2	92	2.00E-08	0.97	F	F3
FBgn0001208	R.FANQILSYGSELDADHPGFTDPEYR.K	962.11	3	55	6.80E-05	1.25	F	F1
FBgn0001208	K.KHDINLVHIESR.S	775.93	2	60	5.70E-05	1.19	F	F5
FBgn0001218	R.VEIIANDQGNR.I	635.82	2	45	0.002	1.08	F	F1
FBgn0001218	K.VTHAVVTVPAYFNDAQR.Q	965.5	2	52	0.00042	1.21	F	F1
FBgn0001218	K.DVHEIVLVGGSTR.I	713.89	2	56	0.00014	1.37	F	F3
FBgn0001218	K.VFAPEEISAMVLGK.M	787.91	2	74	2.70E-06	1.01	F	F1
FBgn0001219	R.LVTHFVQEFK.R	666.36	2	29	0.096	0.68	F	F1
FBgn0001219	R.ARFEELNADLFR.S	761.89	2	52	0.00035	0.89	F	F2
FBgn0001219	K.SVIHDIVLVGGSTR.I	747.92	2	53	0.00023	1.36	F	F3
FBgn0001219	K.WLDANQLADKEEYHR.Q	1050.99	2	88	5.10E-08	0.83	F	F1
FBgn0001233	K.QLEINPDHPIVETLR.Q	908.49	2	75	2.20E-06	1.24	F	F1
FBgn0001248	K.EYEAAGIWYEHR.L	783.36	2	43	0.001	0.66	F	F1
FBgn0001248	R.FKDIFEDLYNK.Q	779.39	2	64	2.30E-05	0.58	F	F1
FBgn0001263	K.VHQLFHTTYEK.A	743.87	2	39	0.0089	0.74	F	F2
FBgn0001402	R.GTHFVNPDTIVTVRPVR.T	650.69	3	29	0.048	1.03	F	F5
FBgn0001402	R.QIVINEAAPQDLLTLLHGVQFR.A	858.81	3	30	0.022	1.41	F	F1
FBgn0001402	R.AEEPLALNEWHTVR.V	855.44	2	42	0.0049	0.74	F	F1

FBgn0001624	R.ALELLEDYHAR.L	686.35	2	55	0.00024	1.27	F	F3
FBgn0001624	K.HGDILHVTNASDDEWWQAR.R	764.69	3	56	7.30E-05	1.19	F	F5
FBgn0001942	K.LFVLDEADEMLSR.G	790.39	2	63	2.60E-05	0.90	F	F1
FBgn0001942	R.ILESGCHVVVGTPGR.V	813.43	2	65	2.20E-05	2.73	F	F3
FBgn0002526	R.TNRPLFLGGHVAFQR.A	586.66	3	33	0.03	0.59	F	F5
FBgn0002526	R.ILNDGEDHVVTVQHTQGELR.L	1151.57	2	62	3.30E-05	0.96	F	F4
FBgn0002528	K.RAEQQLEDIELLER.A	958.01	2	53	0.00036	1.33	F	F2
FBgn0002564	K.FLFEIVHR.I	553.32	2	52	0.00046	0.67	F	F3
FBgn0002564	K.YDFPLDISEPHNAFPDR.L	1037.99	2	68	5.80E-06	0.59	F	F1
FBgn0002565	K.TIVSHYWHLMETYPEYHKK.D	863.42	3	37	0.0091	0.43	F	F4
FBgn0002565	K.TIVSHYWHLMETYPEYHK.K	806.72	3	39	0.0039	0.48	F	F4
FBgn0002565	K.FDVTINVLGNIIQGNADSVDK.K	815.75	3	47	0.0011	0.63	F	F1
FBgn0002565	K.YDEHGHEIPLEHNYQNFFELEHFK.V	1052.81	3	47	0.00035	0.67	F	F5
FBgn0002565	K.NWETFQHVYWAR.Q	890.94	2	48	0.00061	0.45	F	F2
FBgn0002565	K.VHLEAGVNHK.R	650.86	2	51	0.00073	0.63	F	F1
FBgn0002565	R.TYYGVPQWHR.E	674.83	2	58	6.80E-05	0.58	F	F2
FBgn0002565	K.HDYFDVHNFK.F	784.85	2	69	2.00E-06	0.50	F	F3
FBgn0002565	K.FDVTINVLGNIIQGNADSVDKK.F	1308.18	2	99	6.70E-09	0.52	F	F1
FBgn0002579	K.REELSNILTQLR.K	757.42	2	49	0.0007	1.05	F	F2
FBgn0002579	R.KREELSNILTQLR.K	842.48	2	50	0.00045	0.99	F	F3
FBgn0002719	K.LHFACLHEPIDTLAEAVR.K	1051.56	2	59	7.60E-05	1.16	F	F4
FBgn0002741	K.QPGVVD AHLVMHQLTCNGVLEGIR.I	896.8	3	27	0.12	2.68	F	F4
FBgn0002741	K.DIQTALEEEQR.A	688.84	2	29	0.047	1.21	F	F1
FBgn0002741	R.AGVLGQMEEFRDER.L	841.41	2	33	0.016	1.14	F	F1
FBgn0002741	R.ATSVRPQFDGLAFPPR.F	600.99	3	33	0.049	1.28	F	F3
FBgn0002741	R.ELENELDGEQR.R	688.83	2	37	0.0045	1.46	F	F1
FBgn0002741	R.KAQQELEEAEER.A	772.37	2	37	0.0078	0.73	F	F1
FBgn0002741	K.KAEELHAAEVK.V	675.85	2	38	0.011	1.09	F	F1
FBgn0002741	K.GAYEEGQEQLAVR.R	810.88	2	39	0.0035	1.08	F	F1
FBgn0002741	K.LQQFFNHMHFVLEQEEYKR.E	855.75	3	42	0.0024	0.58	F	F5
FBgn0002741	K.ELSFQSEEDRK.N	726.34	2	46	0.00072	1.00	F	F1
FBgn0002741	R.AQLELSQVR.Q	543.3	2	47	0.0018	1.10	F	F1
FBgn0002741	R.RANALQNELEESR.T	786.39	2	47	0.001	0.92	F	F3
FBgn0002741	R.IQEKEEEFENTR.K	821.4	2	49	0.0005	0.72	F	F1
FBgn0002741	R.NLEHDLNLR.E	640.82	2	50	0.00038	1.25	F	F2
FBgn0002741	R.ANALQNELEESR.T	708.34	2	56	0.00012	1.12	F	F1
FBgn0002741	K.LESELQTLHSDLDELLNEAK.N	1194.12	2	58	8.00E-05	1.32	F	F1
FBgn0002741	K.LTQEA VADLR.N	643.84	2	58	0.00013	1.08	F	F1
FBgn0002741	K.EKNEYYGQLNDR.A	863.41	2	67	8.90E-06	1.17	F	F1
FBgn0002741	K.VKPLLNVSRI	555.34	2	70	1.70E-06	1.09	F	F1
FBgn0002741	R.KLESELQTLHSDLDELLNEAK.N	1276.16	2	74	2.00E-06	1.21	F	F1
FBgn0002741	K.LEADINELEIALDHANK.A	999.53	2	79	8.90E-07	1.08	F	F1

FBgn0002741	R.RDLEEANIQHESTLANLR.K	1076.05	2	84	2.70E-07	1.31	F	F5
FBgn0002741	R.DLEEANIQHESTLANLR.K	997.99	2	88	1.10E-07	1.13	F	F2
FBgn0002741	K.AKLEQTLDELEDSL.R.E	987	2	90	6.90E-08	1.25	F	F1
FBgn0002741	K.RLEAEKDELQAALAEAEAALEQEENK.V	1028.17	3	90	3.90E-08	1.45	F	F1
FBgn0002741	K.AEDMSNLTYLNDASVLHNL.R.Q	1159.55	2	92	2.20E-08	0.66	F	F2
FBgn0002741	K.KKLEADINELEIALDHANK.A	1166.62	2	106	1.20E-09	0.81	F	F1
FBgn0002741	K.KLEADINELEIALDHANK.A	1081.56	2	126	1.40E-11	0.98	F	F1
FBgn0002772	K.LDEFLPIYSQVK.K	768.41	2	60	5.60E-05	1.01	F	F1
FBgn0002772	K.IKLDEFLPIYSQVK.K	914.54	2	77	4.40E-07	0.91	F	F1
FBgn0002787	K.TFEHVPSEIGAEAEAEVGVHLLR.D	908.12	3	63	2.10E-05	1.16	F	F4
FBgn0002787	K.VIVHPLVLLSVVDHFN.R.M	667.06	3	65	3.40E-06	0.96	F	F4
FBgn0002921	K.QAADMILLDDNFASIVTGVEEGR.L	1255.13	2	32	0.031	1.30	F	F1
FBgn0002921	R.LNIPVSEVNPR.E	641.87	2	35	0.02	0.99	F	F1
FBgn0002921	R.YHTEIVFAR.T	589.3	2	43	0.0031	0.85	F	F2
FBgn0002921	R.FQTHPENGLSHAK.A	775.37	2	44	0.0018	1.16	F	F1
FBgn0002921	K.YQVSIHETEDTNDPR.Y	923.42	2	58	3.20E-05	1.08	F	F3
FBgn0002938	K.TALDNLTKPDGLFYIIDDASR.S	845.78	3	37	0.0091	0.87	F	F1
FBgn0002938	K.MYPEDLAALENPVDENIIESLR.H	1287.14	2	60	5.90E-05	1.43	F	F1
FBgn0002938	K.MLSQANLGVHFVR.C	814.42	2	64	3.10E-05	1.02	F	F2
FBgn0002938	K.SIFQVLLHYR.A	659.37	2	66	1.40E-05	0.32	F	F2
FBgn0002938	K.IQHYDEEHQVSIEEYR.T	1125.01	2	100	1.50E-09	1.38	F	F5
FBgn0002968	R.DIPAAA WENNNIFDWR.Q	987.47	2	60	4.20E-05	1.04	F	F1
FBgn0003071	R.FSPLVDLIAETNFDQR.I	953.99	2	84	2.90E-07	1.06	F	F1
FBgn0003074	K.AETHALLPYDQYLHR.F	624.66	3	50	0.00047	0.86	F	F4
FBgn0003074	K.GLHSHFVSNI DGTHLAEVLK.K	1129.59	2	73	3.10E-06	1.02	F	F5
FBgn0003075	K.YFSQALDKPPNPFLAILGGAK.V	791.76	3	46	0.0011	0.97	F	F1
FBgn0003075	K.IQLIENLLDK.V	641.87	2	47	0.00072	0.99	F	F1
FBgn0003075	K.LGDVYVNDAFGTAHR.A	838.91	2	74	2.20E-06	0.95	F	F3
FBgn0003149	R.ADTAESSLNIR.A	666.35	2	29	0.083	1.89	F	F1
FBgn0003149	K.SRLDETHLYETSQR.D	933.49	2	35	0.021	0.67	F	F3
FBgn0003149	R.RLHELELELR.R	450.59	3	37	0.0075	0.92	F	F5
FBgn0003149	K.RTVELQYEEAASR.I	797.4	2	41	0.0052	0.55	F	F2
FBgn0003149	R.RLENERDELTAAYK.E	896.45	2	45	0.002	0.85	F	F2
FBgn0003149	R.RLAGLNGELEEV.R.S	749.4	2	46	0.0014	1.00	F	F2
FBgn0003149	R.LHELELELR.R	597.33	2	54	0.00018	1.00	F	F2
FBgn0003149	K.QSLQLTELQAHYEDVQR.Q	1050.52	2	95	1.70E-08	1.17	F	F2
FBgn0003149	R.SLLESSLHQVEIELDSVR.N	1048.56	2	100	5.40E-09	1.28	F	F1
FBgn0003149	R.LEEAEGGAHQFEANR.K	914.91	2	123	8.60E-12	1.08	F	F3
FBgn0003162	K.TVTSTMLGVFR.D	627.33	2	39	0.0071	0.99	F	F2
FBgn0003178	R.LQFDSVPVPHVR.L	668.85	2	48	0.00082	0.85	F	F2
FBgn0003178	K.IENQQGMHNLDEIIEAGDGIMVAR.G	1349.66	2	54	0.00016	0.73	F	F1
FBgn0003217	K.FQHLLNPR.Q	533.79	2	46	0.00097	1.04	F	F3

FBgn0003217	K.LGQIEIESQCDELEHVR.N	985.99	2	65	1.50E-05	3.89	F	F3
FBgn0003217	K.ELGQTALHIAAEQNR.R	846.94	2	73	3.10E-06	1.07	F	F3
FBgn0003218	K.IYHVGNHLPGWIK.S	809.43	2	39	0.011	0.91	F	F2
FBgn0003279	K.APIRPDVVNEVHQLLR.R	634.37	3	38	0.0044	1.02	F	F4
FBgn0003279	R.RGPLVVYDKDEGLR.K	853.97	2	43	0.0027	1.33	F	F3
FBgn0003279	R.FVIWTESAFAR.L	684.86	2	54	0.00021	0.88	F	F1
FBgn0003279	R.YALVSAIAASGVPALVQSK.G	965.05	2	111	2.00E-10	1.05	F	F1
FBgn0003392	R.KFFLSHPSYR.H	683.35	2	48	0.00088	0.72	F	F2
FBgn0003392	K.FFLSHPSYR.H	598.3	2	49	0.00061	1.03	F	F2
FBgn0003392	R.KDIHQALAAER.K	668.36	2	51	0.0004	1.05	F	F1
FBgn0003392	R.VLNQQLTNHIR.D	689.38	2	54	0.00016	0.84	F	F2
FBgn0003392	K.AMLQMIQQLQSDFER.T	940.46	2	83	3.50E-07	0.83	F	F1
FBgn0003432	R.QRPVFTQPLQNIDR.I	878.98	2	31	0.048	1.58	F	F1
FBgn0003432	R.SEFVDEVVNIRPR.F	802.92	2	37	0.013	1.16	F	F3
FBgn0003432	R.LFEKPIFTQLLTGPSELWEGTHAHFEAR.V	1115.59	3	39	0.0048	1.24	F	F4
FBgn0003432	R.RSEFVDEVVNIRPR.F	587.65	3	40	0.0069	1.10	F	F5
FBgn0003432	R.GLHNIETIEGTNVHLECR.L	713.02	3	43	0.0028	1.30	F	F5
FBgn0003432	R.HWLQAESLHPDSLPR.I	610.98	3	50	0.00054	1.08	F	F5
FBgn0003432	R.IHQLEKPLAPRPTPER.L	1048.07	2	53	0.00023	1.12	F	F4
FBgn0003432	K.LVEGQSAHFEAR.L	694.85	2	75	1.60E-06	1.22	F	F2
FBgn0003432	K.LHEGQHVLLAQVEPR.A	950.51	2	86	1.70E-07	0.97	F	F5
FBgn0003470	K.ASAFNSWFENAEBDLTDPVR.C	1170.52	2	36	0.0042	1.14	F	F1
FBgn0003470	K.KHDAFETDFTAHK.D	836.88	2	42	0.0011	1.21	F	F3
FBgn0003470	K.IAALQTVADQLIAQNHYASNLVDEK.R	937.16	3	53	0.00027	0.68	F	F1
FBgn0003470	K.RKEELNEAWQR.L	771.89	2	55	0.00019	0.88	F	F3
FBgn0003470	R.AGTFGAFEQFGNELLQANHYASPEIK.E	975.14	3	55	0.00014	0.88	F	F1
FBgn0003470	R.KQHLLDSLQVQQLFR.D	969.05	2	57	5.70E-05	0.97	F	F3
FBgn0003470	R.LNEALTLHQFFR.D	765.91	2	60	7.00E-05	0.94	F	F1
FBgn0003470	K.DKETFVTADEFGQDLEHVEVLQR.K	1398.19	2	62	2.50E-05	1.03	F	F1
FBgn0003470	R.MQHNLEQQIQAR.N	769.38	2	62	2.90E-05	0.91	F	F2
FBgn0003470	K.HANLFHQWLTETR.T	849.44	2	63	3.00E-05	0.93	F	F5
FBgn0003470	K.KHQAVLAEINNHEAR.L	907.47	2	64	2.80E-05	1.08	F	F5
FBgn0003470	K.ETFVTADEFGQDLEHVEVLQR.K	836.42	3	66	1.20E-05	1.30	F	F1
FBgn0003470	K.FIESGHFDADNIR.N	781.87	2	67	6.60E-06	1.01	F	F1
FBgn0003470	K.HQLVEADIVAHEDR.I	837.42	2	68	1.00E-05	1.09	F	F5
FBgn0003470	K.HALLEADVMAHQDR.I	824.41	2	72	3.20E-06	0.98	F	F5
FBgn0003470	K.KIEELGALLEEHLILDNR.Y	1095.1	2	83	1.60E-07	0.95	F	F2
FBgn0003470	K.KHQLVEADIVAHEDR.I	922.47	2	84	3.10E-07	1.12	F	F5
FBgn0003470	K.QHLLDSLQVQQLFR.D	883.99	2	84	2.20E-07	1.53	F	F3
FBgn0003470	K.HQAFEAELAANADR.I	792.88	2	87	6.40E-08	1.01	F	F2
FBgn0003470	K.KHEALVSDLEAFGNTIQALQEAK.N	922.81	3	93	2.90E-08	1.02	F	F1
FBgn0003470	K.ADVVESWIDDKENYVR.S	1011.49	2	95	1.40E-08	1.05	F	F1

FBgn0003471	K.HRPDLVQFEK.L	679.87	2	39	0.0084	0.95	F	F3
FBgn0003471	R.QLLHVEHPNSDEILER.Q	987.51	2	46	0.0016	1.02	F	F5
FBgn0003471	K.DGWHEELHQMWENR.Q	886.38	2	47	0.0002	1.23	F	F2
FBgn0003471	K.NQSLATEIDNHEPR.I	833.4	2	55	0.0002	1.09	F	F1
FBgn0003471	K.VGSELITEGHFGADR.I	816.91	2	55	0.00017	0.73	F	F3
FBgn0003471	K.KFEALISDLTQK.W	759.92	2	58	9.80E-05	0.76	F	F1
FBgn0003471	K.KHEAIETDIFAYEER.V	967.96	2	58	5.30E-05	1.30	F	F1
FBgn0003471	R.QNHLNQEWSTLR.E	784.39	2	68	7.70E-06	1.05	F	F2
FBgn0003471	K.INTLLQVADTLVEK.D	823.99	2	69	3.70E-06	1.65	F	F1
FBgn0003471	K.KHENLEQSVEDYANTIR.Q	1065.51	2	69	5.30E-06	0.85	F	F3
FBgn0003471	R.EVVAGSQELGQDFDHVTLLSER.F	1237.62	2	89	7.40E-08	1.03	F	F1
FBgn0003721	K.YKDECEEFHKR.L	838.39	2	38	0.0031	1.39	F	F3
FBgn0003721	K.ALQNAESEVAALNR.R	764.4	2	46	0.0017	0.97	F	F1
FBgn0003721	K.LAMVEADLER.A	594.8	2	46	0.0021	1.41	F	F2
FBgn0003721	R.RIQLLEEDLER.S	728.39	2	46	0.0018	0.85	F	F2
FBgn0003721	K.EVDRLEDDLNVNR.G	814.41	2	47	0.0011	0.83	F	F3
FBgn0003721	R.REEAESEVAALNR.R	758.37	2	59	7.20E-05	0.83	F	F3
FBgn0003721	K.LSEASQAADER.A	717.82	2	81	1.50E-07	1.04	F	F1
FBgn0003721	K.KIQTVENELDQTQEALTLVTGK.L	1292.69	2	90	4.20E-08	0.82	F	F1
FBgn0003721	K.IQTVENELDQTQEALTLVTGK.L	1207.63	2	91	4.00E-08	1.13	F	F1
FBgn0003738	K.KPDIDGFLVGGASLKPEFVDIINAR.Q	1399.26	2	55	7.80E-05	1.04	F	F1
FBgn0003738	K.DIGADWVILGHSER.R	805.4	2	76	1.40E-06	0.88	F	F3
FBgn0003884	R.IHFPLVTYAPVISA.EK.A	938.04	2	39	0.0044	1.29	F	F1
FBgn0003884	R.NLDIERPTYTNLNR.L	880.95	2	42	0.0044	0.89	F	F1
FBgn0003887	K.LTPTYGDLNHLVSLTMSGVTTCLR.F	931.47	3	42	0.0029	1.62	F	F2
FBgn0003887	R.SGPFQIFRPDNFVFGQSGAGNNWAK.G	1441.71	2	77	8.70E-07	0.95	F	F1
FBgn0004117	K.SLADEMDSTFAELAGY.-	881.39	2	39	0.0014	1.08	F	F1
FBgn0004117	K.LLTATESEVATQNR.K	787.91	2	56	0.00016	1.14	F	F1
FBgn0004117	K.LAFVEDELEVAEDR.V	838.91	2	68	1.00E-05	0.94	F	F1
FBgn0004117	K.LLEATQSADENNR.M	751.86	2	74	1.40E-06	1.05	F	F1
FBgn0004117	R.KLAFVEDELEVAEDR.V	923.97	2	105	2.20E-09	0.94	F	F1
FBgn0004167	K.AWQILEYAEHHR.E	533.27	3	29	0.062	1.28	F	F5
FBgn0004169	K.AQELWELIVK.L	656.87	2	52	0.00045	1.09	F	F1
FBgn0004363	K.TSSGIEFNTAGHSNQESGK.V	1017.96	2	58	2.80E-05	1.02	F	F1
FBgn0004363	K.DFVLHTAVNDGQEFSGSIFQR.T	1205.09	2	102	3.70E-09	1.01	F	F1
FBgn0004397	K.ELTHQVHSEILVR.C	534.96	3	33	0.039	0.82	F	F5
FBgn0004397	K.IAEILLSSAAQVDSLTPQLISAGR.I	832.47	3	57	2.60E-05	1.37	F	F1
FBgn0004507	R.HLHYTLVK.D	547.8	2	30	0.055	0.39	F	F3
FBgn0004507	K.FFNDGDYIQA.VLDR.N	857.92	2	48	0.00077	0.92	F	F1
FBgn0004507	R.WPVSLLESILPR.H	726.42	2	50	0.00025	0.97	F	F1
FBgn0004507	K.VAIQLNDTHPSLAIPELMR.I	1080.58	2	70	4.50E-06	1.39	F	F1
FBgn0004551	K.FSIPVLLDET.LK.F	779.45	2	75	1.10E-06	1.42	F	F1

FBgn0004611	K.AAQVVALSASHEDGGVTR.S	919.96	2	59	7.10E-05	0.43	F	F3
FBgn0004624	K.ITEQLIEAINSGDFDGYTK.I	1099.54	2	92	3.70E-08	1.35	F	F1
FBgn0004873	K.ISAGPQSHILEGVTWDEASR.L	1099.54	2	107	9.30E-10	0.86	F	F1
FBgn0004907	R.YLAEVATGDAR.N	605.81	2	47	0.0012	0.94	F	F1
FBgn0004907	K.SVTETGVELSNEER.N	796.38	2	49	0.00046	0.96	F	F1
FBgn0004907	K.QAFDDAIAELDTLNEDSYK.D	1121.52	2	69	3.50E-06	1.18	F	F1
FBgn0005384	K.HVINFDLPSDVEEYVHR.I	705.35	3	68	6.80E-06	0.85	F	F4
FBgn0005533	K.LLDFHNIR.G	535.29	2	40	0.0046	1.22	F	F2
FBgn0005533	K.IAGYVTHLMGR.L	630.34	2	89	1.10E-07	1.28	F	F1
FBgn0005634	K.REEELTQTLLR.I	715.39	2	36	0.017	1.08	F	F2
FBgn0005634	K.ALEAEVLQLTEDLASSER.A	1008.52	2	87	1.30E-07	1.38	F	F1
FBgn0005664	K.GQYSLIEPDGTR.R	690.85	2	33	0.025	0.57	F	F1
FBgn0005664	R.LLNNDLWQLDR.L	721.38	2	42	0.0042	0.82	F	F1
FBgn0005664	R.FNSLEELQTR.L	639.82	2	47	0.0014	0.98	F	F1
FBgn0005664	R.RLLNNDLWQLDR.L	799.43	2	57	0.00015	0.82	F	F2
FBgn0005666	R.FLKPHIDR.V	555.31	2	29	0.041	1.09	F	F2
FBgn0005666	K.AGPSDPSEQTNWHVAKPR.F	1031	2	33	0.023	0.28	F	F3
FBgn0005666	K.NPFDVSAAPGLPELEDWDEHHVK.L	1356.64	2	34	0.015	1.40	F	F1
FBgn0005666	R.YRDPPEPPKPR.I	824.41	2	38	0.01	0.93	F	F1
FBgn0005666	R.ADNLIENHDYSFR.V	819.89	2	45	0.0008	0.76	F	F1
FBgn0005666	K.AGFSDPSDATEPHLAKPR.N	993.5	2	55	0.00016	1.02	F	F1
FBgn0005666	R.VLAVNEAGPGHPSKSPDPMTAEHQR.Y	905.79	3	57	0.00011	1.00	F	F4
FBgn0005666	K.NEHGSFDASAHATVLDLDRSPPK.G	1212.09	2	66	1.20E-05	1.31	F	F4
FBgn0005666	R.KVESFLSPLIDQFAK.E	924.5	2	96	1.40E-08	0.98	F	F1
FBgn0005671	R.IPASILAEFYPR.D	709.89	2	30	0.058	1.15	F	F1
FBgn0005671	K.RIPASILAEFYPR.D	787.94	2	58	6.40E-05	1.00	F	F2
FBgn0005671	K.IPIFSAAGLPHNEIAAQICR.Q	1112.1	2	97	1.10E-08	3.47	F	F1
FBgn0005671	K.HVLVILTDMSYAEALR.E	980.52	2	106	1.60E-09	1.61	F	F2
FBgn0005776	R.TVAAEHSAQDLEIHVVPTLQR.L	786.08	3	43	0.0025	1.15	F	F4
FBgn0005776	K.LLLPTVLLLAADPVANVR.F	965.6	2	76	3.40E-08	0.66	F	F1
FBgn0010100	K.VLYSHLDDPANQDIVR.G	948.98	2	59	8.20E-05	1.21	F	F1
FBgn0010213	R.FNGGGHINHTIFWQNLSPNK.S	1186.09	2	41	0.0047	0.86	F	F2
FBgn0010213	R.FNGGGHINHTIFWQNLSPNK.T	1183.08	2	44	0.0019	0.83	F	F2
FBgn0010213	K.HHQTYYNNLNAAEEQLEEAK.S	1211.57	2	91	2.60E-08	0.91	F	F3
FBgn0010217	R.IINVIGEPIDER.G	706.9	2	44	0.0022	0.92	F	F1
FBgn0010217	R.IMDPNIIGQEHYNVAR.G	956.48	2	64	2.20E-05	0.61	F	F3
FBgn0010217	R.DQEGQDVLLFIDNIFR.F	982.5	2	67	1.30E-05	1.12	F	F1
FBgn0010217	R.VALTGLTVAEYFR.D	741.41	2	73	2.60E-06	0.74	F	F1
FBgn0010217	R.FLSQPFQVAEVFTGHAGK.L	1024.03	2	76	1.50E-06	0.40	F	F1
FBgn0010217	K.AHGGYSVFAGVGER.T	724.85	2	85	1.50E-07	0.19	F	F2
FBgn0010217	R.LVLEVAQHLGENTVR.T	860.48	2	93	2.20E-08	1.06	F	F1
FBgn0010288	K.VIHFIALVNK.E	687.9	2	34	0.0086	1.22	F	F3

FBgn0010352	K.EETLIHIGNR.F	612.32	2	31	0.039	0.87	F	F2
FBgn0010352	K.YHLGTYIER.L	597.3	2	38	0.0067	0.91	F	F2
FBgn0010352	R.FLTALNHSR.D	550.8	2	54	0.0004	0.79	F	F2
FBgn0010397	R.LNIESPGRPTTDSGISSNGSHLTASASSR.S	982.16	3	62	2.50E-05	1.06	F	F4
FBgn0010397	R.HNQYIASLEAELQR.I	857.44	2	66	1.80E-05	1.06	F	F2
FBgn0010424	K.ILEELIEEVEDDKSGR.L	979.5	2	101	4.90E-09	1.32	F	F1
FBgn0010434	K.SPLFTTSATTGPHVESTR.V	965.98	2	74	2.50E-06	1.02	F	F1
FBgn0010434	K.NIDGVTHNVEEEVR.N	828.41	2	76	9.40E-07	0.98	F	F3
FBgn0010551	R.VLSRPDSLNLPLYLHK.Q	918.51	2	33	0.02	0.79	F	F2
FBgn0010551	R.LGGIQSDIYSEGLHVR.I	893.46	2	75	2.30E-06	1.19	F	F3
FBgn0010621	K.HKLDVTS AEDYR.A	759.37	2	43	0.002	0.84	F	F3
FBgn0010621	R.AFSVALESIPLALAENSGLHPIETLSELK.A	1045.24	3	48	0.00028	1.13	F	F1
FBgn0011211	K.GIRPAINVGLSVSR.V	740.94	2	36	0.0065	0.81	F	F1
FBgn0011211	R.VLSIGDGIAR.V	523.31	2	42	0.004	0.71	F	F1
FBgn0011211	R.EVAFAAQFGSDDLDAATQQLNR.G	1204.11	2	112	4.20E-10	1.09	F	F1
FBgn0011643	K.GYGFGGGAGCLSTDTGAHLNRE.-	1121.51	2	109	3.20E-10	2.05	F	F3
FBgn0011643	K.GYGFGGGAGCLSTDTGAHLNRE.E	1055.48	2	111	1.90E-10	2.50	F	F3
FBgn0011693	K.VAIDLQDNLEEFVK.L	915.49	2	30	0.063	1.17	F	F1
FBgn0011770	K.ALIGHFQIAQVPHR.H	543.64	3	51	0.00042	0.72	F	F5
FBgn0013733	R.LLVSAHKPTLQHqidTHEPIYR.E	894.15	3	29	0.044	1.03	F	F5
FBgn0013733	R.RFDSIVEQIQR.K	716.88	2	31	0.06	1.01	F	F2
FBgn0013733	K.RGEFLDDVYNR.L	713.34	2	34	0.014	1.15	F	F2
FBgn0013733	K.HFQELGHDVVDHLAGTPDAQAVEIK.L	937.47	3	50	0.00051	1.11	F	F4
FBgn0013733	R.EFVSDVIGHQADLR.F	815.92	2	50	0.00054	2.42	F	F3
FBgn0013733	K.ISPLELWLDNTER.S	815.94	2	52	0.00041	1.12	F	F1
FBgn0013733	R.DGHNLLSLEVLSEHLPR.E	715.39	3	52	0.00034	1.24	F	F4
FBgn0013733	R.VQALFDWLDHAEHK.L	896.95	2	57	0.00011	1.25	F	F1
FBgn0013733	R.AAGGDADHLTSEVDGLADR.M	957.95	2	59	3.70E-05	1.13	F	F1
FBgn0013733	R.HEIDQTKPEVEQVR.R	899.47	2	82	4.30E-07	1.33	F	F3
FBgn0014002	R.DDILFVTISSDEEDHTR.I	1018.98	2	57	5.10E-05	1.29	F	F1
FBgn0014027	K.SLIADGLVHGIHQACK.A	901.97	2	41	0.0056	2.21	F	F3
FBgn0014027	K.LVTALCNEHQIPLIR.V	911.51	2	83	2.10E-07	2.32	F	F1
FBgn0014141	K.FNGVHIPDSPFR.I	715.87	2	32	0.036	0.98	F	F1
FBgn0014141	K.EGQTHADNIFSVDR.N	866.4	2	55	7.20E-05	1.15	F	F1
FBgn0014189	K.GTYVSIHSSGFR.D	676.83	2	45	0.0013	1.16	F	F2
FBgn0014869	R.ILIAAHGNSLR.G	603.85	2	60	2.80E-05	0.75	F	F2
FBgn0014869	K.DAGLEFDVAHTSVLTR.A	886.95	2	66	1.60E-05	0.90	F	F1
FBgn0015221	K.RGTLEVDELHSLALALDTEK.Q	767.42	3	30	0.047	1.52	F	F1
FBgn0015221	R.DPELAHYFEENFLGK.Q	949.97	2	52	0.00027	1.87	F	F1
FBgn0015324	K.VREDHVSSVLDDAR.K	547.27	3	41	0.0048	0.90	F	F5
FBgn0015324	R.EDHVSSVLDDAR.K	692.82	2	44	0.00077	1.51	F	F3
FBgn0015390	K.SESRPESVIASGEPVPR.E	919.97	2	29	0.076	1.18	F	F3

FBgn0015390	K.DVSRPASVVESVKDEHDKAESR.R	856.09	3	37	0.011	0.33	F	F4
FBgn0015390	R.QGILASSRPESVASQPESVSPSPQSAASHEHK.E	1125.9	3	43	0.0019	0.98	F	F4
FBgn0015567	K.VGGYILGEFGNLIAGDSR.S	941.99	2	61	5.00E-05	0.94	F	F1
FBgn0015778	K.KYYYVHNDIFR.Y	719.86	2	40	0.005	1.01	F	F2
FBgn0015778	R.FYNHNSSYIHGESK.L	883.89	2	49	0.0002	0.88	F	F2
FBgn0016120	R.DAFPDSALDPLNKPTFWPHTPEEQVGYS.K	1109.21	3	54	0.00013	1.07	F	F1
FBgn0016120	K.SKEQLEAEAQGHH.-	774.36	2	71	2.60E-06	1.47	F	F1
FBgn0016724	R.DFGYPYEFELK.S	746.34	2	31	0.019	0.92	F	F1
FBgn0016724	K.SSTSLSEVQAGNGNVAER.G	925.94	2	34	0.0098	0.71	F	F1
FBgn0016724	K.AFQLALDYPPFR.A	691.86	2	55	0.00018	0.73	F	F1
FBgn0016724	R.AVVSLQSGIEAEHEVDVFGMCPTHTSTSK.V	1105.21	3	62	2.00E-05	1.13	F	F1
FBgn0016724	K.LDAVEHTTLIIVDLR.D	875.5	2	85	9.90E-08	0.99	F	F2
FBgn0016724	K.EKPIIISIAELLGDRK.G	1004.58	2	88	2.70E-08	0.66	F	F1
FBgn0016724	K.MLNQITSSSLADTLFK.T	883.47	2	88	1.10E-07	0.83	F	F1
FBgn0016724	K.EKPIIISIAELLGDR.K	919.53	2	90	2.40E-08	1.49	F	F1
FBgn0016724	K.LNGNLVEYPQHLSGLHAWR.R	1123.58	2	90	5.30E-08	0.98	F	F5
FBgn0017539	R.GVLALNLEDGTLHR.F	775.42	2	55	0.0002	1.09	F	F3
FBgn0017539	K.QYPVVDHAYDAIVVGAGGAGLR.A	1135.59	2	85	1.70E-07	1.35	F	F2
FBgn0017539	K.DVIVPGLYAAGEAASSSVHGANKR.L	1142.08	2	90	6.30E-08	0.36	F	F3
FBgn0017645	K.AGFTPLHLSSQEGHAEISNLLIEHK.A	938.15	3	39	0.0072	0.73	F	F4
FBgn0017645	K.FIGPVVMEVPHFASLR.G	922.51	2	39	0.0078	0.82	F	F1
FBgn0019624	K.ITPTLQELGIPTIEELGYDKPELALK.S	1504.33	2	36	0.0043	1.20	F	F1
FBgn0019624	R.RVNDIALAIR.W	591.85	2	52	0.00025	0.77	F	F3
FBgn0019652	K.VLHPNEGNHALQEFLAAR.N	686.69	3	41	0.0056	0.92	F	F5
FBgn0019652	R.IHEEYGAIFDHLFR.Q	894.94	2	50	0.00055	1.52	F	F5
FBgn0019960	K.IFHIHAESDK.L	640.82	2	33	0.019	0.91	F	F2
FBgn0020235	R.ELIEIISGAAALT.-	673.39	2	39	0.007	0.77	F	F1
FBgn0020238	K.AASDIAMNDLPPTHPIR.L	930.97	2	58	9.70E-05	0.96	F	F1
FBgn0020238	K.AAFDDAIAELDTLSEESYK.D	1086.51	2	102	2.20E-09	0.83	F	F1
FBgn0020240	K.ATFLESLSR.E	601.81	2	42	0.0047	1.18	F	F2
FBgn0020254	R.LVAAATHSLVEAAQNLVR.G	953.04	2	108	4.00E-10	1.11	F	F1
FBgn0020367	K.LPANHPLLGTQR.V	681.39	2	33	0.032	0.99	F	F1
FBgn0020367	K.HTMLQVWPVR.H	654.85	2	36	0.016	1.04	F	F2
FBgn0020367	K.VGSHITGGDLYGLVHENTLVK.L	1147.09	2	56	0.00015	0.64	F	F1
FBgn0020368	K.LPANHPLFTGQR.V	696.88	2	45	0.0019	1.26	F	F1
FBgn0020368	K.ADYDQLYEDLQQAQR.N	958.94	2	47	0.00058	1.32	F	F1
FBgn0020369	R.IDILDPAALLRPRG.I	745.94	2	37	0.003	1.25	F	F3
FBgn0020369	R.EHAPSIIFMDEIDSIGSSR.I	1075.03	2	68	7.70E-06	0.74	F	F1
FBgn0020415	K.VLLSVGGDHDIDPDHPNK.Y	1006.49	2	32	0.036	0.77	F	F1
FBgn0020415	K.LFTGDFIVDPHAALHK.E	936.01	2	38	0.011	1.17	F	F1
FBgn0020439	K.EVHNISHYPRPAVK.Y	868.97	2	34	0.028	0.85	F	F5
FBgn0022160	R.IHPEFPYIDAEIR.Y	821.42	2	35	0.023	1.12	F	F1

FBgn0022160	R.NHIVHVSPSNLITIAGGK.W	971.04	2	92	3.00E-08	1.20	F	F2
FBgn0022343	R.AAPDITNTEFFPTLSAARPEEQR.K	869.44	3	30	0.048	1.64	F	F1
FBgn0022343	R.YSQQAGSGLGGGPTGGALRPR.R	678.02	3	46	0.0017	1.15	F	F2
FBgn0022959	R.EDVVFVHQSIAIAR.N	707.36	2	37	0.012	0.98	F	F1
FBgn0022959	R.GLGGGDGSAEPGVHDQNPEGLQR.G	1145.03	2	58	4.30E-05	1.18	F	F3
FBgn0023023	R.FIPTPVRPPFVYDIIEGK.V	1086.61	2	52	0.00021	0.89	F	F1
FBgn0023023	R.LLAEGINGPEGHELRSRPEEVEAEAVHR.A	994.17	3	74	1.80E-06	0.89	F	F5
FBgn0023143	K.LPGIQPLEILDSIK.K	810.48	2	33	0.011	0.84	F	F1
FBgn0023143	R.QFLFRPHDVQKPK.S	888.01	2	35	0.013	1.25	F	F1
FBgn0023143	K.AHNGALPRPWNEEDANSFLEVVR.A	889.45	3	41	0.0035	1.00	F	F4
FBgn0023143	K.NFPNAIEHTLQWAR.D	869.94	2	63	2.90E-05	0.82	F	F2
FBgn0023143	K.FAHENGIALIAETR.G	848.96	2	81	4.20E-07	1.12	F	F3
FBgn0023213	K.LSENENAWRPR.V	708.86	2	29	0.049	1.07	F	F3
FBgn0023213	R.HQQQNNVGGNVSGGAGHSNGNNDENTWHVQTSK.G	1188.2	3	45	0.00029	1.12	F	F4
FBgn0024733	K.YRPEHGPIAAWEK.A	819.41	2	64	2.30E-05	1.05	F	F2
FBgn0024923	K.KNVFIIGATNRPDIIDPAILRPGR.L	910.86	3	28	0.014	0.85	F	F4
FBgn0024957	R.TVHIPSQEELDIFDAAER.Y	1058.03	2	50	0.00051	1.29	F	F1
FBgn0025725	R.TVAFHHEYPWILSASDDQTIR.I	844.42	3	31	0.038	1.02	F	F4
FBgn0025725	R.LLELAPRPDVAQQVR.K	875.51	2	58	4.40E-05	1.17	F	F1
FBgn0026093	K.VNLQHALGLR.L	581.84	2	59	4.70E-05	0.68	F	F2
FBgn0026093	K.AHGIGVHSAEEIEEFK.N	947.45	2	63	2.40E-05	1.24	F	F2
FBgn0026210	K.APSSLLDALEQHLATLEGR.K	1032.05	2	90	5.60E-08	1.05	F	F1
FBgn0026418	K.FNDPHVQHELTSIPAR.V	953.49	2	47	0.0015	1.16	F	F5
FBgn0026708	K.SGQVVPGYGHAVLR.K	742.91	2	56	0.00015	0.97	F	F2
FBgn0026708	R.ALGVLASLVWDR.A	671.38	2	72	3.10E-06	0.84	F	F1
FBgn0027088	R.SAYDLGQHTAATGVR.L	796.4	2	45	0.0017	1.10	F	F1
FBgn0027552	R.ATLHAIDVGYR.H	630.84	2	38	0.0093	1.14	F	F1
FBgn0027571	K.RGHENNVFFLTNVGK.L	972.98	2	42	0.0037	0.72	F	F3
FBgn0027571	K.AIPNHFFR.G	522.27	2	47	0.0013	0.87	F	F3
FBgn0027571	R.AAPQLDLGGGHYVPR.Q	796.91	2	49	0.00076	1.01	F	F3
FBgn0027580	R.LQVEHTVTEETGIDLVSQIR.V	851.8	3	32	0.03	1.30	F	F2
FBgn0027580	K.SVVEYLQGSIGIPHGGFPEPLR.S	1199.15	2	61	3.80E-05	1.08	F	F1
FBgn0028325	R.SATEFAINYVNTHGPLVMETNTYR.Y	924.12	3	33	0.021	0.90	F	F1
FBgn0028479	K.RGTRPVNNDALIVK.Q	883.49	2	33	0.024	0.92	F	F3
FBgn0028479	K.LGLPEVMLGLLPGGGTVR.L	939.54	2	62	1.30E-05	0.98	F	F1
FBgn0028482	R.LHLVENHPEFGR.A	746.89	2	49	0.00083	1.06	F	F5
FBgn0028544	K.GIPVPVHVDRPYPVVEK.R	1061.58	2	48	0.0007	1.06	F	F4
FBgn0028544	K.AVNVQVPVHVDRPYPVYVK.V	1132.12	2	50	0.00034	0.88	F	F1
FBgn0028688	R.LDYLIHPHYR.Y	456.91	3	40	0.005	1.16	F	F5
FBgn0028688	R.LGLFYLDHDLITR.N	809.44	2	66	1.70E-05	0.64	F	F1
FBgn0029875	R.TTTTSTRPDQPDGEVLHTSK.T	754.38	3	30	0.049	1.13	F	F1
FBgn0029875	R.RQPVEEDFSTHGFPSVR.T	678.33	3	35	0.0086	1.09	F	F5

FBgn0029875	R.NVFEPVHETHVDSEPTGR.R	699	3	36	0.0074	1.25	F	F4
FBgn0030086	R.ALLSLPTAIADNAGYDSAQLVSEL.R.A	877.47	3	36	0.01	0.91	F	F1
FBgn0030086	R.NAGHVEVTNDGATILR.A	854.94	2	54	0.00023	1.15	F	F3
FBgn0030106	K.EVPLGEHNYHVNQFDR.I	999.98	2	76	8.20E-07	1.15	F	F5
FBgn0031035	K.HPELESIPNLHVIK.A	855.46	2	47	0.0016	0.97	F	F2
FBgn0031035	R.HYYWYLTNEGIEELR.S	1014.47	2	78	5.50E-07	0.86	F	F2
FBgn0031092	R.KFEAAEAHSSGLVSR.L	836.92	2	82	4.20E-07	1.06	F	F3
FBgn0031092	K.LNLLSEDFQAQAVAAQLTK.D	1011.57	2	94	1.30E-08	1.07	F	F1
FBgn0031438	-.MGYIFHETFGR.T	701.84	2	43	0.0011	0.78	F	F2
FBgn0031438	R.MGYIFHETFGR.T	701.84	2	43	0.0011	0.78	F	F2
FBgn0032350	K.VVATPHLGASTSEAQVR.V	882.97	2	54	0.00024	0.92	F	F1
FBgn0032453	R.EWHHWLVGNIPGGDVAK.G	1000	2	82	3.50E-07	0.71	F	F2
FBgn0032721	K.RLDEILEFANSNFR.M	884.96	2	51	0.00051	1.24	F	F2
FBgn0032721	K.SLADVVAHEIAHSWTGNLVTNK.N	1223.64	2	80	6.40E-07	0.74	F	F1
FBgn0032729	R.FPFLGVHFTPR.M	681.88	2	57	0.00014	1.18	F	F1
FBgn0033109	R.HGLIFTTGFNR.S	652.84	2	33	0.034	0.70	F	F2
FBgn0033109	R.TLTEPVVDLVFHQR.R	848.46	2	70	5.20E-06	1.15	F	F3
FBgn0033434	K.ELLHIHSTVASLR.K	507.63	3	34	0.022	1.00	F	F5
FBgn0033465	K.DDRIPVDHNLALYEGPEQR.F	760.38	3	30	0.048	1.21	F	F4
FBgn0033465	K.HQPGLVEHTIGWPLDR.F	950.5	2	41	0.005	1.77	F	F5
FBgn0033465	R.IPVDHNLALYEGPEQR.F	946.99	2	66	1.70E-05	1.25	F	F1
FBgn0033728	K.ATSPDSSDVIIAR.G	687.35	2	51	0.00056	0.95	F	F1
FBgn0033886	R.INELLNPPSAHQ.R.G	822.93	2	57	0.00015	0.95	F	F2
FBgn0033914	R.KHFLQQALQR.A	676.88	2	28	0.066	1.08	F	F2
FBgn0033914	K.HLPTLTHDELTTVR.K	558.97	3	31	0.047	0.95	F	F5
FBgn0034079	R.VAADFLHTQLNR.N	713.88	2	66	1.70E-05	1.00	F	F3
FBgn0034079	K.LFPLFDSAYQGFASGDPDR.D	1073.01	2	88	7.60E-08	1.12	F	F1
FBgn0034229	K.QAVNAFADLTHSEFLSGLTGLK.R	825.43	3	31	0.053	0.74	F	F1
FBgn0034229	K.VPLLSNVQDFGDFLSQSGK.T	1068.05	2	80	7.80E-07	0.68	F	F1
FBgn0034433	K.LLLDGISTSQASHLR.H	826.96	2	87	9.80E-08	1.12	F	F1
FBgn0034618	K.EAGYNVIHFTPIQELGGS.R.S	1067.05	2	32	0.038	1.15	F	F1
FBgn0034618	K.ETESHSHIPSEGDAAEHILYR.L	818.39	3	50	0.00041	1.04	F	F4
FBgn0034718	K.SNAGDIITTPVRPIEPHQVINGH.-	871.13	3	28	0.08	0.86	F	F4
FBgn0034968	K.HPHDVIDELNEGSIEVPAE.-	1071.5	2	49	0.0004	1.41	F	F3
FBgn0034968	K.HSGNIGFEDILAIAR.V	827.94	2	106	1.70E-09	1.00	F	F3
FBgn0035060	K.RFEEIFR.Q	519.77	2	43	0.0022	0.89	F	F3
FBgn0035147	R.YFNPVGAHISGR.I	680.34	2	32	0.047	0.96	F	F2
FBgn0035147	R.RPSLSVYGSDFPTHDTGTGVR.D	1095.53	2	48	0.00082	0.50	F	F5
FBgn0035147	R.DYIHIVDLAEGHVK.A	846.94	2	51	0.00057	0.86	F	F2
FBgn0035281	R.TVEYTADDHNGFNAAVVK.T	1050.99	2	62	1.50E-05	1.21	F	F1
FBgn0035281	K.YHYNYGVADSHTGDVK.S	955.42	2	71	1.20E-06	1.00	F	F3
FBgn0035404	R.KFDLSAPWEQFPNFR.N	986.51	2	41	0.0044	1.08	F	F1

FBgn0035404	R.ILTDYGFEGHPQR.R	787.89	2	69	7.60E-06	1.03	F	F1
FBgn0035510	R.IVEYTADPVHGFNAVVR.R	965	2	57	0.00014	0.52	F	F1
FBgn0035600	K.GGEDYIFSLLTGYHDAPAGVVLR.E	1246.63	2	51	0.00042	1.06	F	F2
FBgn0035600	K.GLFDALDHQSVR.R	700.36	2	56	0.00012	1.21	F	F1
FBgn0035905	R.FPQLTLWLER.M	672.88	2	48	0.00098	0.76	F	F1
FBgn0035905	K.ASDGGDLEPFWSGLDIYER.E	1085	2	63	1.50E-05	1.08	F	F1
FBgn0035943	K.SMPSGPHPVVGSFGTHLTQTFWR.K	857.76	3	41	0.0042	0.98	F	F4
FBgn0035943	R.NHFSTVHGAVEAGYR.E	843.91	2	67	8.10E-06	0.91	F	F5
FBgn0036030	K.VYAILTHGIFSGPAISR.I	922.51	2	77	7.20E-07	0.48	F	F2
FBgn0036030	K.VFSGTSHPDLAQR.I	728.86	2	83	2.50E-07	0.94	F	F1
FBgn0036548	R.FFHAEEDIKPFLER.M	995.99	2	35	0.016	1.05	F	F1
FBgn0036548	R.LVIIIDEIHLHLLHDER.G	586.33	3	38	0.009	1.67	F	F5
FBgn0036619	R.LNHLLNALR.E	496.79	2	44	0.0018	0.62	F	F3
FBgn0036619	K.APLPVTDTTEEVQQR.L	848.43	2	52	0.00037	0.85	F	F1
FBgn0036642	R.YLQDLLQPAFKPWELVDNAK.T	1262.19	2	55	0.00012	0.72	F	F1
FBgn0036642	R.AVVAVAGQGAAASNHK.E	767.9	2	62	4.30E-05	1.16	F	F1
FBgn0036642	R.NESYDIQGASHLLR.L	824.41	2	75	1.70E-06	1.00	F	F1
FBgn0036642	R.NVLEADALLGAIDGISQSQVQEA.K	875.46	3	100	4.40E-09	1.46	F	F1
FBgn0036663	K.DWDEVYNFPHVR.K	809.87	2	54	0.0001	0.82	F	F2
FBgn0036663	R.AGHFVTVFER.N	602.81	2	54	0.00028	0.84	F	F2
FBgn0036680	R.IGPGTHNNPSVADFR.L	813.91	2	30	0.055	1.15	F	F3
FBgn0036927	K.EYHANIVLDR.F	636.33	2	29	0.074	0.74	F	F1
FBgn0036927	K.KLQLGGYFHNDFFIPNEPYR.I	1257.11	2	33	0.018	0.76	F	F1
FBgn0036927	K.EFPHILNSTR.G	628.33	2	49	0.00095	0.77	F	F2
FBgn0036927	K.LDVPSFDWPIASFPEYR.Y	1042.52	2	50	0.00047	1.01	F	F1
FBgn0036927	K.LQLGGYFHNDFFIPNEPYR.I	1169.06	2	85	1.60E-07	0.92	F	F1
FBgn0037001	R.YYAHWR.R	525.76	2	29	0.061	0.82	F	F3
FBgn0037001	R.DAFPNATIIRPADIYGSEDR.F	1133.56	2	31	0.035	1.04	F	F1
FBgn0037001	K.HSNVVINLVGR.D	625.36	2	38	0.0059	0.99	F	F2
FBgn0037001	K.RYQLSELVDWFHR.L	598.65	3	40	0.0065	0.74	F	F5
FBgn0037001	R.YQLSELVDWFHR.L	817.91	2	78	1.20E-06	0.91	F	F1
FBgn0037138	K.NFHFIHASADVSVVTSTIR.S	758.05	3	52	0.00035	0.92	F	F5
FBgn0037138	K.LKDFPIANEPILGYLK.D	979.05	2	82	3.40E-07	0.72	F	F1
FBgn0037146	R.LASIVEQVAECHLEGR.E	926.97	2	65	1.90E-05	2.01	F	F1
FBgn0037146	K.EALATVGAEHAVSLVSTR.E	928.51	2	82	3.90E-07	0.89	F	F1
FBgn0037607	K.HLYVPTVPR.S	562.32	2	30	0.042	0.77	F	F2
FBgn0037607	R.KIDSLEGHPTPR.L	774.89	2	42	0.0041	0.96	F	F3
FBgn0037607	R.VVVVEDHYQQGGLGEAVLSALAGER.N	1319.69	2	88	7.80E-08	1.12	F	F2
FBgn0038049	K.NITLIGINRPQQR.N	782.95	2	34	0.012	1.00	F	F2
FBgn0038049	R.ALDLILTRPVGSAEHDIGLVNR.I	863.81	3	51	0.00028	0.88	F	F4
FBgn0038110	R.WLGAADLSHGPAR.A	698.37	2	67	1.20E-05	0.90	F	F1
FBgn0038271	R.IPLHELEQR.I	588.82	2	57	0.00013	1.02	F	F2

FBgn0038271	K.AVEILADIQNSK.L	749.42	2	62	3.50E-05	1.07	F	F1
FBgn0038271	K.NNGVAHFLEHMAFK.G	849.91	2	75	1.40E-06	0.93	F	F2
FBgn0038293	K.FSAIHEFQNLHAVAK.E	898.46	2	48	0.0011	1.21	F	F3
FBgn0038587	K.GSDVVVIPAGVPR.K	654.37	2	50	0.00042	1.23	F	F1
FBgn0038587	K.ALVAIITNPVNTCVPIAAEILK.K	802.13	3	54	4.20E-05	2.48	F	F1
FBgn0038587	R.AFIGHALGVDPQTVQIPVIGGHSGVTILPVLSQSQPLFK.G	1369.11	3	67	7.00E-07	1.04	F	F1
FBgn0038587	K.QNPLVTDLALYDIVHTPGVAADLSHIDTK.S	1600.83	2	76	8.80E-07	0.61	F	F1
FBgn0038774	K.KYGVPEEEIFQTADLFR.R	1128.06	2	42	0.0035	1.01	F	F1
FBgn0038774	K.YGVPEEEIFQTADLFR.R	1043	2	75	1.20E-06	1.22	F	F1
FBgn0038819	K.GPIHIPVIHNGVPVEPAEVQHAR.A	836.79	3	45	0.0011	0.92	F	F5
FBgn0038819	R.WEQSHSSHNSYASGYAHK.G	720.64	3	50	5.40E-05	0.45	F	F5
FBgn0038826	K.DYAFIHFEDR.D	677.81	2	33	0.016	1.06	F	F1
FBgn0038826	K.EFPVDGALNVLGQFLESNLEHVSNK.S	947.49	3	75	1.40E-06	1.00	F	F1
FBgn0038839	K.ALHLPEGFR.E	541.29	2	38	0.0064	0.93	F	F2
FBgn0038922	K.LRNDLDLYANVVHVR.S	613.67	3	30	0.049	0.68	F	F5
FBgn0038922	R.NDLDLYANVVHVR.S	785.41	2	46	0.0014	1.08	F	F3
FBgn0039358	K.RVNWPHGNYFSQI.-	830.41	2	53	0.00025	0.95	F	F3
FBgn0039358	K.EHANVIQEA VYQTI VND AIR.T	1163.1	2	106	1.40E-09	1.07	F	F1
FBgn0039359	K.SLNYNHLMPTR.Y	695.85	2	29	0.067	1.06	F	F2
FBgn0039359	K.THDDGTPEKPFGRHALVAGIDR.Y	1159.07	2	72	3.20E-06	1.17	F	F4
FBgn0039562	K.ELETNPELHIR.I	698.37	2	77	1.20E-06	1.41	F	F2
FBgn0039737	K.DGATLQMGIGSIPDAVLAALHNHK.D	838.44	3	37	0.011	0.73	F	F1
FBgn0039737	R.GDNVPIFLHEIPNLFYK.Q	1050.55	2	46	0.0015	0.77	F	F1
FBgn0039737	R.AHVHYVVTEHGIASLFGK.N	1028.06	2	62	3.70E-05	0.76	F	F5
FBgn0039737	K.QIVKPDVSFIHVSPPDNHGYCSLGT SVDCVR.A	1191.92	3	65	1.10E-05	4.09	F	F3
FBgn0040064	R.ITGHLVHELQR.K	448.92	3	42	0.0044	1.04	F	F5
FBgn0040064	K.EVDFVVEHPRPK.T	828.93	2	61	4.90E-05	0.95	F	F3
FBgn0040064	K.LNVNGGAIALGHPLGASGR.I	952.02	2	78	7.40E-07	0.96	F	F3
FBgn0040660	K.NDQIHQAEFHHQQIK.E	978.97	2	39	0.0054	0.61	F	F5
FBgn0040660	R.LKNDQIHQAEFHHQQIK.E	1120.56	2	42	0.0036	0.66	F	F5
FBgn0040660	R.HKEFLENLHK.-	710.86	2	44	0.0031	0.82	F	F1
FBgn0041789	K.AQPQVYQEHSVETR.S	938.95	2	70	3.60E-06	0.94	F	F3
FBgn0050122	R.LSEESVPENSHYFR.D	868.4	2	39	0.0036	0.96	F	F2
FBgn0051878	R.YSLVDPDGHR.R	602.3	2	55	0.00011	1.31	F	F1
FBgn0052029	R.DYQQYQPQQAAYRPPAQAAPQPPRR.I	989.83	3	32	0.026	0.69	F	F6
FBgn0052029	R.IKDTVAEQIR.A	628.85	2	33	0.041	1.01	F	F1
FBgn0052029	R.DYQQYQPQQAAYRPPAQAAPQPPRR.R	937.79	3	49	0.00062	0.66	F	F1
FBgn0052311	R.AVHQVQQWLEALHDR.R	625.66	3	36	0.015	1.32	F	F5
FBgn0053113	R.LHPQVESLIYWR.D	791.93	2	39	0.008	0.85	F	F3
FBgn0053113	K.QSIDTHL DLVR.S	669.85	2	53	0.00026	1.10	F	F3
FBgn0053113	K.VQNIAGVAVAHINGFISELR.R	1075.6	2	82	1.50E-07	1.31	F	F1
FBgn0053138	K.HYGLHFQPDNSVIAR.E	898.45	2	41	0.0055	0.89	F	F5

FBgn0053715	K.FHALEHNFGQALQENR.A	651.65	3	40	0.0044	1.04	F	F5
FBgn0053715	R.IGQFVTHLVQR.Y	670.38	2	53	0.00023	1.20	F	F2
FBgn0053715	K.EIHQWLSEAEQLLGTNLSGGR.D	840.77	3	59	9.10E-05	1.16	F	F4
FBgn0053715	K.LAIENAVQATEALLNK.Q	894.52	2	67	7.70E-06	1.42	F	F1
FBgn0000053	R.GTQRPGVIGGLGGFGGLFR.L	944.52	2	41	0.0041	0.89	R	F3
FBgn0000053	K.SVAHVTHGLLNDILR.L	843.97	2	42	0.0027	0.90	R	F5
FBgn0000055	K.TIDILINGAGILDDHQIER.T	1074.56	2	60	5.60E-05	0.94	R	F2
FBgn0000055	K.TVDVLINGAGILDDHQIER.T	1060.56	2	99	6.70E-09	1.23	R	F2
FBgn0000064	K.NTPEEIALATVQALR.R	834.46	2	54	0.00026	0.65	R	F1
FBgn0000064	K.KNTPEEIALATVQALR.R	919.51	2	58	7.50E-05	0.68	R	F1
FBgn0000064	K.GVVPLFGSEDEVTTQGLDDLAAR.C	1216.12	2	63	2.90E-05	0.73	R	F1
FBgn0000064	R.IVPIVEPEVLPDGDHDLDR.A	1085.56	2	108	9.70E-10	0.88	R	F2
FBgn0000084	R.TLHSAVVAETSGDYKR.A	909.46	2	43	0.0032	0.97	R	F3
FBgn0000100	R.APARPGAIAPLHVIPAQNTGLGPEK.T	1336.76	2	66	2.30E-06	0.87	R	F2
FBgn0000116	K.KTDKHPASNFGDVSTFGNVDPTNEYVISTR.V	1141.54	3	46	0.00077	0.48	R	F2
FBgn0000116	K.AVQQQLIDDHFLFK.E	893.47	2	53	0.00034	1.08	R	F1
FBgn0000116	K.TFLVWCNEEDHLR.I	880.91	2	54	0.00011	0.96	R	F3
FBgn0000116	R.LVTAVNEIEKR.V	678.38	2	62	4.30E-05	0.85	R	F1
FBgn0000116	K.TDKHPASNFGDVSTFGNVDPTNEYVISTR.V	1629.78	2	71	2.20E-06	0.23	R	F2
FBgn0000116	R.GEHTAEGGVYDISNK.R	898.42	2	71	1.10E-06	0.82	R	F1
FBgn0000116	R.LGFLTFCPTNLGTTIR.A	926.99	2	73	3.30E-06	1.30	R	F1
FBgn0000116	K.HPASNFGDVSTFGNVDPTNEYVISTR.V	1433.67	2	87	4.70E-08	0.68	R	F2
FBgn0000116	R.GEHTAEGGVYDISNK.R	973.45	2	94	1.20E-08	0.67	R	F3
FBgn0000165	K.ALELLFQRPLEPAFTTR.D	1024.07	2	34	0.017	1.01	R	F2
FBgn0000165	R.VLAAIDQGYVEDSSGNRIPLDEVR.G	887.79	3	65	1.70E-05	1.12	R	F2
FBgn0000258	K.EPFFHGHNDYDQLVR.I	959.96	2	32	0.017	0.83	R	F5
FBgn0000258	R.FVHSDNQHLVSPEALDFLDK.L	1201.08	2	50	0.00043	0.86	R	F3
FBgn0000261	K.NFTQVHADFGFR.M	667.32	2	65	1.20E-05	0.77	R	F3
FBgn0000261	R.LVQNIAGHLNASQFLQER.A	1084.06	2	82	3.20E-07	0.60	R	F3
FBgn0000261	R.GPILLQDVNFLDEMESHFDR.E	1144.56	2	110	5.20E-10	1.00	R	F2
FBgn0000313	R.LDFSENGISSIENDAFHEIGHSLISLK.M	1019.51	3	27	0.12	1.21	R	F2
FBgn0000313	K.LNLDNLHLEYNHIEVLPNSFK.Y	1352.2	2	32	0.032	0.91	R	F2
FBgn0000313	K.MSHGYSGSALPAEPLR.H	857.92	2	32	0.037	1.13	R	F3
FBgn0000313	K.RLDFSENGISSIENDAFHEIGHSLISLK.M	1071.54	3	35	0.017	1.12	R	F4
FBgn0000313	R.HLDLGYNHITHIQHDSFR.G	750.04	3	45	0.0017	1.01	R	F6
FBgn0000313	R.TFFDGNPIHTLR.E	730.37	2	52	0.00041	1.40	R	F3
FBgn0000313	R.IVDFSHNHLR.G	640.33	2	53	0.0003	1.77	R	F5
FBgn0000313	R.LHYFEYGCLDSLPHLR.S	1031.5	2	60	5.20E-05	1.95	R	F5
FBgn0000313	K.ISGNHLTEIPDDAFTGLER.S	1064.03	2	74	2.30E-06	0.84	R	F2
FBgn0000313	R.MLDLNNDLTNPVPLMTQALPHLR.R	1326.2	2	76	1.80E-06	1.22	R	F2
FBgn0000313	K.LAVLDLSHNR.D	590.33	2	77	8.90E-07	1.90	R	F3
FBgn0000313	R.FNHLTSISQHTFFDLEALR.K	1159.58	2	104	2.20E-09	0.76	R	F5

FBgn0000318	K.DPNTHLIFLPTLLR.W	846.48	2	66	6.10E-06	0.66	R	F2
FBgn0000318	R.KDPNTHLIFLPTLLR.W	931.54	2	71	1.10E-06	0.86	R	F2
FBgn0000319	R.ISADTIFVTAPHEASGGIIGVNR.K	1184.13	2	63	2.40E-05	0.87	R	F2
FBgn0000557	K.CLIDALDAILPPQRPDKPLR.L	829.46	3	53	0.00018	1.30	R	F2
FBgn0000559	K.DLVFITHPDQR.E	691.86	2	56	0.00017	1.11	R	F3
FBgn0000559	R.NMSVIAHVDHGK.S	696.34	2	71	4.60E-06	2.77	R	F3
FBgn0000579	K.AVGHVNDTLGPELIK.A	823.95	2	28	0.094	0.83	R	F1
FBgn0000579	K.VNQIGTVTESIAAHLAK.K	975.05	2	56	7.40E-05	1.17	R	F1
FBgn0000579	K.MGSEVYHHLK.N	645.82	2	58	6.90E-05	0.54	R	F3
FBgn0000579	K.EALNLISDAIAK.A	671.37	2	75	2.10E-06	0.90	R	F1
FBgn0000579	R.AAVPSGASTGVHEALELR.D	903.97	2	111	6.00E-10	1.15	R	F2
FBgn0000639	R.DREDTQTLIVPAVQELLPELYLDEEVIQVR.S	1233	3	36	0.0048	0.20	R	F2
FBgn0000639	R.TRIEEHLDLSNLVEQQVQGIQQEIVGR.Q	1101.57	3	57	7.50E-05	0.40	R	F4
FBgn0000667	R.LASDLLEWIR.R	629.35	2	47	0.0014	1.03	R	F1
FBgn0000667	R.HRPDLIDYAK.L	656.34	2	49	0.00068	0.96	R	F3
FBgn0000667	R.VGWEQLLTSINR.N	729.39	2	55	0.00027	0.79	R	F1
FBgn0000667	R.VEQIAAIAQELNTLEYHDCVSVNAR.C	1443.23	2	65	1.80E-05	0.81	R	F2
FBgn0000667	K.IHQAVQESMIFENR.Y	873.94	2	80	5.10E-07	0.71	R	F3
FBgn0000667	K.QHQIPGGLENPYTTLTANDMTR.K	1250.1	2	107	8.50E-10	0.69	R	F2
FBgn0001098	R.ESNYHLLASVQQSIER.I	959.99	2	54	0.00021	0.42	R	F3
FBgn0001098	K.DIVHSGLDYTMER.S	789.37	2	55	9.10E-05	0.92	R	F3
FBgn0001098	K.TFIVQGFVGLHTTR.Y	894.98	2	70	7.10E-06	1.00	R	F3
FBgn0001098	R.ESNYHLLSVQESLER.R	987.98	2	97	8.90E-09	1.01	R	F3
FBgn0001114	K.TIANRPVNAFLGIR.Y	793.96	2	32	0.025	1.08	R	F3
FBgn0001114	R.FTNNQSPLELDPHFGEGIYLPNYR.V	1496.23	2	38	0.0066	0.98	R	F2
FBgn0001114	R.DQVEQEREEQPEDDQGEYER.L	893.71	3	59	4.20E-06	1.00	R	F2
FBgn0001114	K.LREEQEEQKLEER.Y	1029.49	2	82	2.60E-07	2.37	R	F3
FBgn0001125	K.SIVLLHACAHNPTGVDPTEQWR.E	886.12	3	29	0.064	0.87	R	F4
FBgn0001125	R.EIYIPSPSWGNIHVAIFEHAGLPVNR.Y	1423.24	2	69	5.40E-06	0.99	R	F4
FBgn0001128	R.DLFQANHFR.V	595.29	2	36	0.013	1.63	R	F4
FBgn0001128	K.GLEDKFPLFTAIHK.I	871.47	2	39	0.0079	4.77	R	F1
FBgn0001128	K.AEGGGIDLISHIIR.H	797.44	2	92	3.30E-08	2.12	R	F3
FBgn0001145	R.RPSSNCDPYSVVEAILR.T	1003	2	42	0.0043	1.69	R	F3
FBgn0001145	K.HETSSINDFSAGVANR.G	873.91	2	90	3.80E-08	1.02	R	F3
FBgn0001149	K.LLNLQAGEHLKPEFLK.I	993.08	2	30	0.0059	0.84	R	F1
FBgn0001196	R.AGLQFPVGR.I	495.28	2	32	0.028	1.16	R	F1
FBgn0001196	K.LLSGVTIAQGGVLPNIQAVLLPK.K	795.82	3	41	8.80E-05	1.04	R	F1
FBgn0001208	R.EYNHVFPLLDNCGFRE	1011.49	2	52	0.00029	1.26	R	F3
FBgn0001208	R.FANQILSYGSELDADHPGFTDPEYR.K	962.11	3	69	2.90E-06	0.92	R	F2
FBgn0001218	K.KVTHAVVTVPAYFNDAQR.Q	1050.55	2	35	0.022	1.16	R	F2
FBgn0001218	K.VTHAVVTVPAYFNDAQR.Q	965.5	2	50	0.00064	0.97	R	F2
FBgn0001218	K.DVHEIVLVGGSTR.I	712.38	2	61	4.90E-05	0.58	R	F3

FBgn0001219	K.HWPFEVVSADGKPK.I	866.46	2	24	0.13	0.74	R	F1
FBgn0001219	R.LVTHFVQEFK.R	669.37	2	26	0.089	0.86	R	F1
FBgn0001219	R.TTPSYVAFTDTER.L	766.87	2	32	0.017	1.35	R	F1
FBgn0001219	R.ARFEELNADLFR.S	761.89	2	35	0.016	0.87	R	F3
FBgn0001219	R.FEELNADLFR.S	649.83	2	36	0.0081	1.09	R	F1
FBgn0001219	K.STAGDTHLGGEDFDNR.L	867.38	2	66	2.80E-06	1.11	R	F3
FBgn0001219	K.SVIHDIVLVGGSTR.I	747.92	2	74	2.30E-06	1.32	R	F3
FBgn0001219	K.WLDANQLADKEEYHR.Q	1050.99	2	105	8.00E-10	0.89	R	F3
FBgn0001233	K.KQLEINPDHPIVETLR.Q	993.54	2	54	0.0002	0.93	R	F2
FBgn0001233	K.QLEINPDHPIVETLR.Q	908.49	2	72	4.50E-06	0.92	R	F2
FBgn0001233	R.FHTSASGDDFCSLADYVSR.M	1088.97	2	106	2.00E-10	1.03	R	F3
FBgn0001263	K.NNHVTTGCVITHVYPEGQVAADKR.L	1375.67	2	53	0.00019	1.79	R	F4
FBgn0001402	R.QIVINEAAPGQDLLTLLHGVQFR.A	1287.72	2	73	7.20E-07	1.45	R	F2
FBgn0001402	R.SDFMTVLSDLQHILIR.A	965.52	2	85	1.90E-07	1.02	R	F2
FBgn0001624	K.RGDQLLSVNNVNLTHATHEEAAQALK.T	1460.26	2	47	0.001	0.85	R	F4
FBgn0001624	K.HGDILHVTNASDDEWWQAR.R	1148.04	2	66	5.60E-06	0.82	R	F5
FBgn0001942	R.ILESGCHVVVGTPGR.V	811.92	2	61	4.90E-05	1.44	R	F3
FBgn0002526	R.CSCPPGYSGHSCEDCAPGYR.D	1261.47	2	38	6.00E-05	1.25	R	F3
FBgn0002526	R.ILNDGEDHVVTVQHTQGELR.L	1151.58	2	67	1.10E-05	0.85	R	F4
FBgn0002526	K.LNELAEDIEEQHR.V	883.42	2	80	4.20E-07	0.92	R	F3
FBgn0002528	R.KGEGEAHALCTSEYSDISPLR.D	1202.57	2	59	4.30E-05	1.19	R	F2
FBgn0002564	K.YDFPLDISEPHNAFPDR.L	1039.49	2	68	3.70E-06	0.52	R	F3
FBgn0002565	K.TIVSHYWHLMETYPEYHKK.D	866.44	3	31	0.04	0.21	R	F5
FBgn0002565	K.TIVSHYWHLMETYPEYHKK.K	1209.55	2	33	0.013	0.30	R	F5
FBgn0002565	R.TYYGVPQWHR.E	674.83	2	38	0.0075	0.47	R	F4
FBgn0002565	R.LSHDLGEVPAFNMYVPTESGYASNLR.T	1456.72	2	39	0.0062	0.24	R	F2
FBgn0002565	K.YDEHGHEIPLEHNYQNFFELEHFK.V	1052.81	3	48	0.00025	0.65	R	F6
FBgn0002565	K.VHLEAGVNHK.R	650.86	2	52	0.00055	0.53	R	F3
FBgn0002565	K.HDYDFVHNFK.F	784.85	2	62	8.40E-06	0.63	R	F3
FBgn0002579	R.KREELSNILTQLR.K	842.47	2	56	0.00015	0.85	R	F3
FBgn0002719	R.ATGDLYDEFIDFMHACVR.R	1166.01	2	76	2.30E-07	1.11	R	F2
FBgn0002719	K.LHFAQLHEPIDTLAEAVR.K	1051.56	2	81	4.50E-07	0.99	R	F5
FBgn0002741	R.AGVLGQMEEFR.D	641.32	2	24	0.21	0.79	R	F1
FBgn0002741	K.AKLEQTLDEEDSLER.E	965.99	2	27	0.13	0.97	R	F3
FBgn0002741	K.VKPLLNVSRI	555.34	2	28	0.028	0.78	R	F1
FBgn0002741	R.AGVLGQMEEFRDER.L	839.9	2	28	0.057	0.89	R	F3
FBgn0002741	K.DIQTALEEEQR.A	688.84	2	30	0.037	0.63	R	F1
FBgn0002741	K.KAEELHAAEVK.V	680.38	2	31	0.029	1.08	R	F1
FBgn0002741	R.LSTEVEDLQLEVDR.A	845.93	2	32	0.025	1.43	R	F1
FBgn0002741	K.LSIENSLLR.Q	602.84	2	37	0.01	0.79	R	F1
FBgn0002741	R.ATSVRPQFDGLAFPPR.F	900.98	2	38	0.014	1.06	R	F3
FBgn0002741	K.LEQTLDEEDSLER.E	866.42	2	39	0.0071	1.50	R	F1

FBgn0002741	K.LQQFFNHMHFVLEQEYYKR.E	856.75	3	42	0.002	0.28	R	F5
FBgn0002741	K.QPGVVDAHLVMHQLTCNGVLEGIR.I	895.8	3	44	0.0021	1.61	R	F4
FBgn0002741	R.RANALQNELEESR.T	786.4	2	44	0.0024	0.96	R	F4
FBgn0002741	K.LLIEIFADHAGQSGGGEQAK.G	1063.03	2	45	0.0015	1.05	R	F1
FBgn0002741	R.KAQQELEEAEER.A	772.37	2	51	0.00033	0.95	R	F1
FBgn0002741	K.LTQEAVADLER.N	643.83	2	58	0.00012	0.93	R	F1
FBgn0002741	K.LKVDDLAAELDASQK.E	871.45	2	59	9.50E-05	0.87	R	F1
FBgn0002741	R.NLEHDLNLRREQVEEEAEGK.A	1226.05	2	59	2.40E-05	1.08	R	F3
FBgn0002741	K.GAYEEGQEQLAVR.R	810.88	2	62	1.90E-05	0.98	R	F1
FBgn0002741	R.NLEHDLNLR.E	640.82	2	68	6.40E-06	1.06	R	F3
FBgn0002741	R.ANALQNELEESR.T	708.34	2	70	3.20E-06	0.91	R	F1
FBgn0002741	K.AEDMSNLTYLNDASVLHNL.R.Q	1161.07	2	74	1.70E-06	0.45	R	F2
FBgn0002741	K.RKLESELQTLHSDLDELLNEAK.N	1354.2	2	74	1.90E-06	0.89	R	F3
FBgn0002741	R.KLESELQTLHSDLDELLNEAK.N	1276.15	2	75	1.50E-06	0.91	R	F1
FBgn0002741	R.RDLEEANIQUESTLANLR.K	1076.05	2	85	1.90E-07	0.83	R	F5
FBgn0002741	R.DLEEANIQUESTLANLR.K	997.99	2	105	2.00E-09	0.77	R	F3
FBgn0002741	K.KLEADINELEIALDHANK.A	1081.57	2	113	2.60E-10	0.94	R	F1
FBgn0002772	K.LDEFLPIYSQVK.K	768.41	2	43	0.0031	0.79	R	F1
FBgn0002787	K.TFEHVPSEIGAEAEVGVVEHLLR.D	907.12	3	56	0.00011	1.02	R	F4
FBgn0002787	K.VIVHPLVLLSVVDHFNR.M	668.06	3	61	9.30E-06	0.31	R	F4
FBgn0002921	R.RNPGGWLEQETYY.-	829.39	2	25	0.053	1.27	R	F1
FBgn0002921	R.GAEFTHENPLETK.N	778.87	2	31	0.023	1.01	R	F1
FBgn0002921	K.FNTDDINFPIDNLR.F	869.91	2	37	0.0041	1.42	R	F1
FBgn0002921	K.GVVISCGDHTVMGR.I	765.37	2	78	6.30E-07	1.29	R	F3
FBgn0002921	K.YQVSIHETEDTNDPR.Y	923.42	2	81	1.50E-07	1.01	R	F3
FBgn0002938	R.ADVWALGITTIELADGKPPFADMHPTR.A	1004.85	3	49	0.00055	0.54	R	F2
FBgn0002938	K.IQHYDEEHQVSIEEYR.T	1123.5	2	103	1.00E-09	1.52	R	F5
FBgn0002968	K.ISWIHNGKPIEQSTPNPR.R	1079.56	2	75	2.00E-06	1.05	R	F3
FBgn0003071	R.IIEAIDAISSTAYSHQR.T	960.5	2	31	0.05	0.78	R	F3
FBgn0003074	K.AETHALLPYDQYLHR.F	624.65	3	53	0.00024	1.09	R	F5
FBgn0003074	K.GLHSHFVSNIDGTHLAEVLK.K	1129.59	2	63	2.70E-05	1.17	R	F5
FBgn0003075	K.SVVLMSHLGRPDGNK.N	847.44	2	33	0.027	0.74	R	F3
FBgn0003075	K.LGDVYVNDAFGTAHR.A	838.91	2	84	2.10E-07	1.07	R	F3
FBgn0003149	R.LAADFNQYR.H	571.79	2	30	0.03	0.82	R	F1
FBgn0003149	R.LHELELELR.R	597.33	2	33	0.025	0.92	R	F3
FBgn0003149	K.SRLDETHLYETSQR.D	933.48	2	36	0.017	0.43	R	F3
FBgn0003149	R.RLENERDELTAAYK.E	896.45	2	38	0.0099	0.89	R	F3
FBgn0003149	R.RLHELELELR.R	675.38	2	39	0.0049	0.77	R	F6
FBgn0003149	R.LAGLNGELEEV.R.S	672.86	2	45	0.0013	0.73	R	F1
FBgn0003149	R.LEEAEGGAEHQFEANRK.R	999.96	2	60	2.60E-05	0.82	R	F3
FBgn0003149	K.NLILLQDALDK.S	670.38	2	73	2.20E-06	1.39	R	F1
FBgn0003149	K.KQSLQTELQAHYEDVQR.Q	1135.58	2	81	4.40E-07	0.87	R	F2

FBgn0003149	R.SLLESSLHQVEIELDSVR.N	1048.55	2	95	1.70E-08	0.86	R	F2
FBgn0003149	K.QSLQLTELQAHYEDVQR.Q	1050.52	2	101	4.30E-09	0.78	R	F3
FBgn0003149	R.LEEAEGGAEHQFEANR.K	914.91	2	105	5.40E-10	0.81	R	F3
FBgn0003162	K.TREEFLNLVNSK.-	767.4	2	55	0.00021	0.71	R	F1
FBgn0003162	R.LLLGGLGENPDR.Q	648.36	2	67	1.20E-05	1.13	R	F1
FBgn0003178	R.LQFDSPVPHVR.L	670.36	2	32	0.041	0.83	R	F3
FBgn0003178	R.GAGTIDASHAAAIAAVEAATK.A	990.51	2	38	0.01	0.98	R	F1
FBgn0003178	K.IENQQGMHNLDEIIEAGDGIMVAR.G	1348.15	2	76	9.30E-07	0.86	R	F2
FBgn0003217	K.ELGQTALHIAAEQNR.R	846.94	2	58	0.00011	0.86	R	F3
FBgn0003217	K.LGQIEIESQCDELEHVR.N	984.48	2	61	4.30E-05	1.85	R	F3
FBgn0003218	R.VVSWLSQHNFPHGLISFADGLSTDPLGHK.T	1081.88	3	51	0.00032	0.79	R	F4
FBgn0003261	R.YREEQEITVR.G	682.85	2	29	0.069	1.03	R	F3
FBgn0003261	K.YVINFDYPQNSEDIYHR.I	1108.01	2	42	0.0014	0.76	R	F3
FBgn0003279	R.RGPLVVYDKDEGLR.K	850.96	2	30	0.065	0.90	R	F3
FBgn0003279	K.APIRPDVVNEVHQLLR.R	949.54	2	44	0.0014	0.87	R	F5
FBgn0003279	R.YALVSAIAASGVPALVQSK.G	965.05	2	90	3.40E-08	1.17	R	F1
FBgn0003392	K.AMLQMIQQLQSDFER.T	941.97	2	40	0.0027	0.80	R	F1
FBgn0003392	R.KFFLSHPSYR.H	683.35	2	59	7.40E-05	0.74	R	F3
FBgn0003432	R.QVQQHHGGSIGGAYVPPSLTHVYAQGDISPVEQIFK.N	1393.72	3	28	0.041	0.76	R	F4
FBgn0003432	R.GSTEIYEGQTAHFEAQVAPVHDPNLR.I	971.14	3	29	0.047	0.56	R	F4
FBgn0003432	K.VEFHNGKPLSTGHR.F	927.98	2	33	0.03	0.36	R	F5
FBgn0003432	R.TEVDGAPISPPHFTAELR.G	991.52	2	34	0.024	0.89	R	F2
FBgn0003432	R.AILSVVQRPSIEQSSQNPNSLQYINQLEDYSR.Y	1241.29	3	36	0.0083	0.42	R	F2
FBgn0003432	R.QRPVFTQPLQNIDR.I	877.47	2	36	0.016	0.76	R	F3
FBgn0003432	R.IHQLEKPLAPRPTPEPER.L	1048.07	2	41	0.0034	0.89	R	F4
FBgn0003432	R.RSGYEQDSQLSQELDR.N	978.46	2	42	0.0018	0.74	R	F3
FBgn0003432	R.SSIHETQHEEALTK.I	903.95	2	43	0.0026	0.62	R	F3
FBgn0003432	R.RSEFVDEVVNIRPR.F	586.65	3	44	0.0022	0.85	R	F5
FBgn0003432	K.VSGKPGIVYDSQLPAHMQSIDR.I	1241.64	2	48	0.00096	0.72	R	F2
FBgn0003432	R.SEFVDEVVNIRPR.F	801.41	2	54	0.00034	0.72	R	F3
FBgn0003432	R.SGEQIVTVTQNEAGLEQIHYLEDR.S	1387.7	2	54	0.00021	0.63	R	F2
FBgn0003432	K.LHEGQHVLLEAQVEPR.A	950.51	2	58	0.0001	0.97	R	F5
FBgn0003432	R.LFEKPIFTQLLTGPSELWEGTHAHFEAR.V	1113.57	3	62	2.50E-05	0.70	R	F4
FBgn0003432	R.HWLQAESLHPDSLPR.I	914.46	2	65	1.90E-05	1.12	R	F5
FBgn0003432	R.HHQEEDITIMQAPQFTR.G	1063.51	2	81	3.30E-07	0.89	R	F5
FBgn0003432	K.SIYLESQHETALPR.L	843.43	2	85	2.30E-07	1.11	R	F3
FBgn0003470	K.IAALQTVADQLIAQNHYASNLVDEK.R	937.16	3	46	0.0014	0.81	R	F1
FBgn0003470	K.RKEELNEAWQR.L	771.89	2	50	0.00056	0.88	R	F3
FBgn0003470	K.LIDGQHYAADDVAQR.R	858.93	2	52	0.0003	1.01	R	F3
FBgn0003470	K.HANLFHQWLTETR.T	847.92	2	54	0.00022	0.74	R	F5
FBgn0003470	R.LNEALTLHQFFR.D	765.91	2	57	0.00016	0.73	R	F3
FBgn0003470	R.KQHLLDSLQVQLFR.D	969.04	2	62	2.40E-05	0.97	R	F3

FBgn0003470	K.KHDAFETDFTAHK.D	836.89	2	63	1.10E-05	0.80	R	F2
FBgn0003470	K.FIESGHFDADNIR.N	781.87	2	69	4.40E-06	1.13	R	F3
FBgn0003470	K.HQAFEAEELAAADR.I	794.39	2	69	4.40E-06	0.98	R	F3
FBgn0003470	K.QHLLDSLQVQQLFR.D	883.99	2	83	2.40E-07	0.80	R	F3
FBgn0003470	K.RLEAELGSHEPAIQAVQEAGEK.L	1223.62	2	85	1.70E-07	0.97	R	F3
FBgn0003470	K.DKETFVTADEFGQDLEHVEVLQR.K	1395.18	2	86	1.20E-07	1.07	R	F2
FBgn0003470	K.KHQLVEADIVAHEDR.I	922.47	2	89	8.60E-08	1.03	R	F5
FBgn0003470	K.KIEELGALLEEHLILDNR.Y	1095.1	2	89	3.70E-08	1.08	R	F2
FBgn0003471	K.HRPDLVQFEK.L	676.85	2	30	0.058	1.06	R	F4
FBgn0003471	R.EQEVLHAWDNLQAMCDAR.K	1116.01	2	39	0.0018	0.75	R	F3
FBgn0003471	K.KNQSLATEIDNHEPR.I	918.45	2	40	0.0048	0.88	R	F3
FBgn0003471	R.QLLHVEHPNSDEILER.Q	986	2	49	0.00091	0.95	R	F5
FBgn0003471	K.HSLVEADINILGER.V	805.94	2	55	0.00023	1.09	R	F3
FBgn0003471	K.KFEALISDLTQK.W	764.44	2	57	4.70E-05	0.76	R	F1
FBgn0003471	K.KHEAIETDIFAYEER.V	970.98	2	58	7.20E-05	1.14	R	F3
FBgn0003471	K.HENLEQSVEDYANTIR.Q	981.97	2	61	1.90E-05	0.88	R	F3
FBgn0003471	K.KHENLEQSVEDYANTIR.Q	1065.51	2	69	5.50E-06	0.80	R	F3
FBgn0003471	R.EVVAGSQELGQDFDHVTLLSER.F	1236.11	2	69	7.50E-06	0.80	R	F2
FBgn0003471	K.VGSELITEGHFGADR.I	815.4	2	82	3.00E-07	0.97	R	F3
FBgn0003721	R.RIQLLEEDLER.S	728.39	2	37	0.013	0.96	R	F3
FBgn0003721	K.KIQTVENELDQTQEALTLVTGK.L	865.14	3	42	0.0026	0.61	R	F1
FBgn0003721	K.EVDREDDLLNVR.G	814.42	2	49	0.00074	1.01	R	F3
FBgn0003721	K.IVELEEEELR.L	587.83	2	49	0.00048	0.60	R	F1
FBgn0003721	K.LAMVEADLER.A	594.8	2	51	0.00058	0.76	R	F1
FBgn0003721	K.ALQNAESEVAALNR.R	764.39	2	52	0.00045	0.83	R	F1
FBgn0003721	R.IQLLEEDLER.S	650.35	2	62	4.90E-05	1.03	R	F1
FBgn0003721	K.IVELEEEELR.V	586.32	2	68	1.40E-05	0.91	R	F1
FBgn0003721	K.LSEASQAADER.S	717.82	2	70	1.80E-06	1.47	R	F1
FBgn0003721	K.LSEASQAADER.I	717.82	2	70	1.80E-06	1.47	R	F1
FBgn0003721	R.KLAMVEADLER.A	679.86	2	74	3.20E-06	1.11	R	F1
FBgn0003721	R.REEAESEVAALNR.R	758.38	2	96	1.60E-08	0.82	R	F3
FBgn0003738	K.DIGADWVILGHSER.R	805.41	2	61	4.10E-05	0.78	R	F3
FBgn0003738	K.TATPDQAQEVHAFRLR.Q	864.94	2	70	4.90E-06	0.30	R	F3
FBgn0003884	R.QLFHPEQLITGK.E	750.92	2	29	0.036	0.74	R	F1
FBgn0003884	K.EIVDLVLDR.I	557.31	2	54	0.00033	0.72	R	F1
FBgn0003884	R.IHFPLVYAPVISAER.A	935.02	2	75	1.40E-06	0.96	R	F1
FBgn0003887	K.LTTPTYGDLNHLVSLTMSGVTTCLR.F	1396.71	2	92	3.40E-08	1.23	R	F2
FBgn0004117	K.LAFVEDELEVAEDR.V	840.42	2	24	0.14	1.16	R	F1
FBgn0004117	K.LLTATESEVATQNR.K	787.91	2	57	0.00014	0.85	R	F1
FBgn0004167	R.IDSLAEHWQALEALVELR.R	1068.07	2	66	1.20E-05	1.17	R	F2
FBgn0004169	K.EYITWR.K	521.26	2	39	0.0035	0.84	R	F1
FBgn0004363	K.DFVLHTAVNDGQEFSGSIFQR.T	1205.08	2	76	1.40E-06	0.84	R	F2

FBgn0004397	R.VEGASQLLEEASDMLR.S	896.95	2	28	0.05	1.09	R	F1
FBgn0004397	K.WLQHPEINDGGLGER.A	883.44	2	38	0.0075	1.25	R	F3
FBgn0004507	K.ARPEFMLPVNFYGR.V	871.45	2	34	0.02	0.39	R	F3
FBgn0004507	R.VFAMPYDNPIPGYNNNHVNTLR.L	1294.63	2	40	0.005	1.28	R	F3
FBgn0004507	R.SCA YTNHTVLPALER.W	951.96	2	47	0.00071	1.04	R	F3
FBgn0004507	R.INMAHLSIVGSHAVNGVAAIHSQILK.D	922.18	3	62	1.10E-05	1.19	R	F4
FBgn0004507	K.VAIQLNDTHPSLAIPELMR.I	1080.59	2	68	7.00E-06	0.90	R	F2
FBgn0004516	K.SCAAVCGLGTDHCIVVPSDEHGK.M	1277.07	2	40	0.0018	2.56	R	F2
FBgn0004516	R.ALPLQQLIEDCATTLK.Y	949.51	2	58	0.00011	1.75	R	F1
FBgn0004551	K.LSYWQLTHHLSCLGGGDEFK.G	1216.57	2	53	0.00014	0.74	R	F3
FBgn0004611	R.STANGDVATGTGTGSAAGTAGHAPPLQQIR.Q	937.14	3	31	0.036	0.43	R	F2
FBgn0004624	K.ICDPHLTAFEPEALGNLVEGIDFHK.F	1453.71	2	48	0.00075	1.57	R	F2
FBgn0004873	K.KYPQSEPETEHQVIEIQTQQAPVPR.Q	1508.76	2	70	4.30E-06	0.85	R	F2
FBgn0004873	K.YPQSEPETEHQVIEIQTQQAPVPR.Q	1423.7	2	74	1.70E-06	0.98	R	F2
FBgn0004873	K.ISAGPQSHILEGVTWDEASR.L	1098.05	2	112	3.70E-10	0.75	R	F2
FBgn0004907	K.SVTETGVELSNEER.N	796.38	2	44	0.0015	0.92	R	F1
FBgn0004907	R.YLAEVATGDAR.N	604.3	2	48	0.00075	1.11	R	F1
FBgn0005384	R.WQEPERPAFGDSEGGQSAGGNR.S	1216.04	2	30	0.013	0.84	R	F3
FBgn0005384	K.HVINFDLPSDVEEYVHR.I	1056.02	2	57	9.30E-05	0.58	R	F5
FBgn0005533	K.IAGYVTHLMGR.L	630.33	2	70	7.20E-06	0.83	R	F3
FBgn0005634	K.SLEEETVNHEGVLADMR.H	985.96	2	29	0.041	2.21	R	F3
FBgn0005634	R.RAAETERDELAEEIANNANK.G	1167.58	2	30	0.046	0.81	R	F4
FBgn0005634	K.IAHLGLSVTDMTR.A	784.93	2	37	0.011	0.77	R	F3
FBgn0005634	K.ALEAEVLQTEDLASSER.A	1008.52	2	43	0.0034	0.91	R	F1
FBgn0005634	K.AKHEATITELEER.L	805.91	2	68	8.10E-06	1.05	R	F3
FBgn0005634	K.HSQELNSINDQLENLR.K	976.48	2	75	1.80E-06	0.74	R	F3
FBgn0005664	R.LLNNDLWQLDR.L	721.38	2	36	0.017	0.65	R	F1
FBgn0005664	R.RLLNNDLWQLDR.L	799.43	2	36	0.015	0.70	R	F3
FBgn0005664	R.FNSLEELQTR.L	639.82	2	39	0.0083	1.12	R	F1
FBgn0005664	R.LLDQQTLLLAQLPSIQATVVVSHPTLLATR.L	1683.98	2	70	2.50E-07	0.83	R	F2
FBgn0005664	R.LTAQAIAEAQSLVEAQQASQLQLEAQRNR.E	1069.9	3	121	2.40E-11	1.06	R	F2
FBgn0005666	R.RPSVQDLEDLINKPSTPLR.D	1134.63	2	28	0.066	1.18	R	F3
FBgn0005666	K.AGFSDPDATEPHLAKPR.N	990.48	2	37	0.012	1.02	R	F2
FBgn0005666	K.NEHGSFDASAHATVLDPRSPPK.G	1209.09	2	66	1.10E-05	0.75	R	F4
FBgn0005666	R.KVESFLSPIDQFAK.E	929.03	2	73	9.10E-07	0.84	R	F1
FBgn0005666	R.YDILEEIGTGAFGVVHR.C	959.5	2	75	2.20E-06	0.77	R	F3
FBgn0005666	K.FVPQPVEISQSVYDRYDILEEIGTGAFGVVHR.C	1264.32	3	77	6.00E-07	0.63	R	F4
FBgn0005671	K.RIPASILAEFYPR.D	787.94	2	57	0.0001	1.02	R	F3
FBgn0005671	K.HVLVILTDMSSYAEALR.E	980.52	2	89	7.70E-08	0.67	R	F3
FBgn0005671	K.IPISFAAGLPHNEIAAQICR.Q	1110.59	2	89	6.70E-08	1.89	R	F2
FBgn0005776	R.TVAAEHSAQDLEIHVVPTLQR.L	786.08	3	51	0.00049	0.85	R	F4
FBgn0010100	K.VAVPSTVHCDHLIEAQIGGPK.D	1156.59	2	36	0.014	1.23	R	F2

FBgn0010100	K.KVAVPSTVHCDHLIEAQIGGPK.D	1241.65	2	47	0.00098	1.47	R	F2
FBgn0010100	K.VLYSHLDDPANQDIVR.G	948.98	2	47	0.0012	0.81	R	F2
FBgn0010213	K.HHQTYVNNLNAAEEQLEEK.S	1211.57	2	65	1.00E-05	0.54	R	F4
FBgn0010217	K.VVDLLAPYAK.G	586.84	2	27	0.13	0.95	R	F1
FBgn0010217	R.TIAMDGTEGLVR.G	652.83	2	49	0.00076	1.03	R	F1
FBgn0010217	R.VALTGLTVAEYFR.D	741.41	2	49	0.0006	0.50	R	F1
FBgn0010217	R.IINVIGEPIDER.G	705.39	2	63	2.30E-05	1.18	R	F1
FBgn0010217	R.AIAELGIYPAVDPLDSTSR.I	1015.53	2	71	4.60E-06	0.95	R	F1
FBgn0010217	R.IMDPNIIGQEHYNVAR.G	957.99	2	71	4.50E-06	0.46	R	F3
FBgn0010217	R.FLSQPFQVAEVFTGHAGK.L	1024.03	2	78	9.30E-07	0.49	R	F1
FBgn0010288	K.VIIHHFIALVNK.E	687.9	2	48	0.00043	1.03	R	F3
FBgn0010288	K.FTADHEALAQEGQTNAANHEK.V	1183.54	2	63	9.00E-06	1.02	R	F2
FBgn0010424	K.TGSIPTMVADILR.L	774.42	2	34	0.016	1.00	R	F1
FBgn0010424	K.ILEELIEEVEDKSGR.L	982.51	2	65	1.20E-05	1.25	R	F1
FBgn0010434	K.RIDAENGSIHSTGILDPATGLIDTK.Y	938.5	3	35	0.014	0.81	R	F2
FBgn0010434	K.NIDGVTHNVEEEVR.N	826.9	2	54	0.00013	1.10	R	F3
FBgn0010434	K.SPLFTTSATTGPHVESTR.V	965.98	2	83	2.80E-07	0.84	R	F3
FBgn0010551	R.VLSRPDSLNLPLYLHK.Q	918.51	2	48	0.00059	0.60	R	F2
FBgn0010551	R.LGGIQSDIYSEGLHVR.I	893.46	2	86	1.80E-07	0.90	R	F3
FBgn0011211	K.TALAITIINQK.R	692.89	2	27	0.13	0.93	R	F1
FBgn0011211	R.VLSIGDGIAR.V	521.8	2	43	0.0051	0.98	R	F1
FBgn0011211	K.GIRPAINVGLSVSR.V	740.93	2	48	0.00036	0.65	R	F3
FBgn0011211	R.EVAFAAQFGSDLDAATQQLLR.G	1204.11	2	103	3.20E-09	0.26	R	F1
FBgn0011643	K.GYGFGGAGCLSTDTGAHLNR.E	1055.48	2	92	1.20E-08	1.56	R	F3
FBgn0011693	K.IIFPETSDETYR.I	756.87	2	40	0.004	1.25	R	F1
FBgn0011693	K.RVYPLEIKPQWTGK.E	925.54	2	41	0.00091	1.03	R	F1
FBgn0011770	K.AAGILADVAADNIQLLADLYHLQHLHGNVSK.T	1124.28	3	54	6.20E-05	0.14	R	F4
FBgn0013334	K.IITEENFWR.N	626.83	2	25	0.14	0.96	R	F1
FBgn0013334	K.IKEEILGLSQDRR.N	820.96	2	40	0.0051	1.02	R	F3
FBgn0013334	K.IKEEILGLSQDR.R	742.9	2	45	0.002	0.77	R	F1
FBgn0013733	K.HFQELGHDVVDHLAGTPDAQAVEIK.L	939.48	3	36	0.012	1.30	R	F4
FBgn0013733	R.SLSASTPDSLSDNEGSHGGPSGR.Y	1174.03	2	38	0.0025	5.40	R	F3
FBgn0013733	R.VQALFDWLDHAEHK.L	896.94	2	38	0.0077	1.06	R	F2
FBgn0013733	R.DGHNLLSLEVLSGEHLPR.E	714.39	3	48	0.00085	0.71	R	F5
FBgn0013733	R.LPHVEPLSSAESPIR.Q	838.96	2	49	0.00081	1.07	R	F2
FBgn0013733	K.VLANDIQAHQNSVDTLNDAGR.Q	1147.07	2	58	7.40E-05	0.85	R	F2
FBgn0013733	R.AAGGDADHLTSEVDGLADR.M	956.44	2	62	1.40E-05	0.88	R	F2
FBgn0013733	K.LLEASLAGLEDNEHVISELENELAR.H	1403.73	2	63	2.50E-05	0.97	R	F2
FBgn0013733	R.HEIDQTKPEVEQVR.R	896.45	2	64	2.60E-05	0.83	R	F3
FBgn0013733	R.KPANDSDKIHDEVKR.L	960.48	2	74	2.30E-06	1.25	R	F2
FBgn0014002	K.YRDDILFVTISSDEEDHTR.I	786.04	3	40	0.0027	1.07	R	F6
FBgn0014027	K.LVTALCNEHQIPLIR.V	910	2	71	3.30E-06	1.79	R	F3

FBgn0014189	R.CVALSQQLLTEQNFPAGIHR.G	1155.1	2	69	7.90E-06	0.93	R	F3
FBgn0014863	K.GFGYGHAPTLVSTSGESTIQFPDGRPLAGPK.T	1614.8	2	57	9.80E-05	0.86	R	F2
FBgn0014863	K.GYGYGQGGGALQSDCYAHDDGAPQIR.A	1378.11	2	86	2.50E-08	0.78	R	F2
FBgn0014869	K.DAGLEFDVAHTSVLTR.A	886.95	2	52	0.0004	0.81	R	F3
FBgn0015221	R.ATHATDAERDPELAHYFEENFLGK.Q	1423.16	2	80	2.90E-07	1.71	R	F4
FBgn0015221	K.RGTLEVDELHSLALALDTEK.Q	1147.59	2	84	2.20E-07	3.99	R	F3
FBgn0015324	R.LDLISQQLVPEIR.N	784.97	2	26	0.02	0.84	R	F1
FBgn0015390	R.LTHSDPEDEEPADDVDER.S	1055.95	2	34	0.0017	1.35	R	F2
FBgn0015390	K.SESRPESVIASGEPVPR.E	919.97	2	38	0.0087	1.24	R	F3
FBgn0015390	R.ESHTDTPESSPKPTSPFPR.V	1091.01	2	50	0.00035	1.20	R	F2
FBgn0015390	R.DAHVYPQIGHFFGNVPDRK.G	1141.07	2	59	7.70E-05	0.56	R	F5
FBgn0015390	K.ATEHVSEHVTTTGESSTETSQEK.S	1280.08	2	77	3.10E-07	1.18	R	F2
FBgn0015567	K.NAVLFEAINLIHSDSEPNLLVR.A	1310.22	2	99	3.20E-09	0.68	R	F2
FBgn0015623	R.LHSIQNRPPFDAK.N	867.95	2	25	0.19	1.00	R	F3
FBgn0015623	R.TALTHYLEITAIPR.T	820.96	2	94	1.90E-08	1.41	R	F3
FBgn0016120	K.LVPVAGLVDSFQK.Q	728.91	2	56	0.00012	1.47	R	F1
FBgn0016120	K.SKEQLEAEAQGHH.-	774.36	2	64	1.40E-05	1.20	R	F2
FBgn0016724	K.AFQLALDYPPR.A	691.86	2	34	0.023	1.02	R	F1
FBgn0016724	R.KVYLDGLFR.T	597.83	2	42	0.0026	0.73	R	F1
FBgn0016724	K.EKPIIISSIAELLGDRK.G	1004.58	2	59	2.00E-05	1.34	R	F1
FBgn0016724	K.LNGNLVEYPQHLSGLHAWR.R	1123.58	2	61	4.60E-05	0.75	R	F5
FBgn0016724	K.LDAVEHTTLIIVDLR.D	875.5	2	67	5.30E-06	0.80	R	F6
FBgn0016724	K.EKPIIISSIAELLGDRK.K	919.53	2	113	1.20E-10	1.21	R	F1
FBgn0016976	R.AEEHATEPPFLAAPQR.D	903.45	2	31	0.051	1.09	R	F2
FBgn0016976	R.HDIIPVATEEWIR.L	810.93	2	35	0.024	1.04	R	F3
FBgn0017539	R.GVLALNLEDGTLHR.F	775.42	2	70	5.80E-06	1.18	R	F3
FBgn0017539	K.DVIVPGLYAAGEAASSSVHGANR.L	1142.08	2	89	8.10E-08	0.27	R	F3
FBgn0017539	K.QYPVVDHAYDAIVVGAGGAGLR.A	1135.59	2	155	1.80E-14	1.08	R	F2
FBgn0017645	K.FIGPVVMEVPHFASLR.G	920.99	2	42	0.0041	0.64	R	F3
FBgn0017645	K.AGFTPLHLSSQEGHAEISNLLIEHK.A	940.17	3	45	0.0015	0.80	R	F4
FBgn0019624	R.RVNDIALAIR.W	591.85	2	68	5.70E-06	1.33	R	F3
FBgn0019652	R.HQIQTQILQWEENLER.L	1054.04	2	70	6.30E-06	1.50	R	F3
FBgn0019960	K.LVDHIGNVKDELYR.H	880.98	2	63	3.20E-05	1.52	R	F3
FBgn0020235	K.IANEVLQTGYDYTEGK.I	942.96	2	34	0.015	0.84	R	F1
FBgn0020238	R.YLAEFATGSDR.K	636.3	2	51	0.00024	0.99	R	F1
FBgn0020238	R.YLAEFATGSDRK.D	721.35	2	59	4.80E-05	0.76	R	F1
FBgn0020238	K.AASDIAMNDLPPTHPIR.L	930.97	2	61	5.60E-05	1.04	R	F3
FBgn0020240	R.VIAQQQEESHFTVEEYYQTR.F	1292.59	2	34	0.0077	0.68	R	F2
FBgn0020254	K.IGITNHEEYGLVR.E	773.41	2	33	0.039	1.07	R	F3
FBgn0020254	R.RPLTSSDDGQWSEGLISAAR.L	1094.54	2	44	0.0027	0.90	R	F3
FBgn0020254	R.VGEATTHVLSTIAEEVPEENR.D	1163.58	2	58	8.60E-05	0.76	R	F2
FBgn0020254	R.LVAAATHSLVEAAQNLVR.G	953.04	2	70	2.50E-06	0.82	R	F2

FBgn0020254	K.NVGIALSQLLSSVLHNQR.S	997.57	2	96	6.00E-09	0.40	R	F3
FBgn0020367	K.VGSHITGGDLYGLVHENTLVK.H	1147.1	2	67	9.30E-06	0.66	R	F2
FBgn0020367	K.ADFEQLHEDLQQAFR.N	944.95	2	93	2.40E-08	0.82	R	F3
FBgn0020368	R.VGSHITGGDLYGVVHENTLVK.Q	1140.1	2	75	1.80E-06	0.94	R	F2
FBgn0020415	K.VLLSVGGDDHDIDPDHPNK.Y	1006.5	2	53	0.00029	1.20	R	F2
FBgn0020415	K.LFTGDFIVDPHAALHK.E	932.99	2	54	0.00028	1.12	R	F2
FBgn0020439	K.IAAEEALLAEAAAQK.A	794.94	2	36	0.0073	0.49	R	F1
FBgn0020618	R.FSPNHSNPIIVSCGWDR.T	1014.48	2	28	0.05	1.82	R	F3
FBgn0020618	R.LYGSHSFISDVVLLSSDGNYSALSGSWDQTLR.L	1123.87	3	86	5.20E-08	0.67	R	F6
FBgn0022160	R.NHIVHVSPSNLITIAGGK.W	971.03	2	71	3.70E-06	1.31	R	F3
FBgn0022959	R.GLGGGDGSAEPGVHDQNPGLQR.G	1145.03	2	69	3.50E-06	0.94	R	F2
FBgn0023023	R.LLAEGINGPEGHELRSPEEVEAEAVHR.A	994.16	3	78	6.80E-07	0.90	R	F5
FBgn0023143	R.QFLFRPHDVQPK.S	888	2	33	0.023	0.74	R	F3
FBgn0023143	R.TVSHGTPLTEEFLR.K	814.92	2	36	0.02	1.02	R	F3
FBgn0023143	K.NFPNAIEHTLQWAR.D	869.94	2	47	0.0011	0.47	R	F3
FBgn0023143	K.AHNGALPRPWNEEDANSFLEVVR.A	888.44	3	52	0.00028	0.65	R	F5
FBgn0023143	K.FAHENGIALIIAETR.G	848.95	2	55	0.00021	1.19	R	F3
FBgn0023213	K.NVIDHIEHLLK.E	707.89	2	53	0.00036	0.84	R	F3
FBgn0023213	R.HQQQNNVGGNVSGGAGHSNGNNDENTWHVQTSK.G	1188.2	3	53	3.80E-05	0.68	R	F4
FBgn0024733	K.YRPEHGPIAAWEK.A	819.41	2	51	0.00046	0.91	R	F3
FBgn0024733	K.ATVEDFPLCVHLVSDEYEQLSSEALEAGR.I	1653.79	2	65	1.00E-05	0.94	R	F2
FBgn0024923	K.KNVFIIGATNRPDIIDPAILRPGR.L	910.86	3	28	0.015	0.88	R	F4
FBgn0024923	K.NVFIIGATNRPDIIDPAILRPGR.L	854.16	3	47	0.0002	0.56	R	F4
FBgn0024923	K.LHDDVDLEQIAAESHGHVGDALASLCSEALQQIR.E	1270.95	3	99	3.60E-09	1.27	R	F5
FBgn0024957	R.TVHIPSQEELDIFDAAER.Y	1056.53	2	71	4.50E-06	1.04	R	F2
FBgn0024957	K.INPICPADLVIDHSVQVDFAR.A	1211.13	2	75	2.00E-06	0.94	R	F2
FBgn0025704	K.SESEGNHLPQSSSSGAAETGHKK.E	817.71	3	44	0.00082	1.55	R	F2
FBgn0025704	R.GHPPEYTDGMNLGEER.F	938.4	2	62	3.60E-06	0.83	R	F3
FBgn0025725	R.TVAFHHEYPWILSASDDQTIR.I	843.42	3	26	0.13	0.72	R	F5
FBgn0025725	R.LLELAPRPDVAQQVR.K	875.51	2	35	0.0097	1.00	R	F3
FBgn0026077	R.KSELLAGLNSEGR.T	729.39	2	50	0.00073	1.49	R	F1
FBgn0026077	K.YLTENC DYLNVD CGDR.T	1093.45	2	75	5.80E-08	1.43	R	F3
FBgn0026210	K.HLDYLVHCTNEPNVSIPHLANLLIER.S	1037.21	3	29	0.049	1.32	R	F5
FBgn0026210	K.APSSLLDALEQHLATLEGR.K	1032.05	2	78	1.00E-06	1.17	R	F2
FBgn0026418	R.KFNDPHVQHELTSIPAR.V	693.7	3	40	0.0075	1.23	R	F5
FBgn0026418	K.FNDPHVQHELTSIPAR.V	951.98	2	43	0.0037	0.88	R	F5
FBgn0026418	K.ALLDAAQIAGLNVLRL	790.47	2	55	5.50E-05	0.76	R	F1
FBgn0026708	K.SGQVVPGYGHAVLR.K	742.91	2	37	0.012	0.81	R	F3
FBgn0026708	R.AALPQHVVMTMLNNMPTTLHPMSQFAAAVTALNHDSK.F	1314.32	3	54	0.00011	0.59	R	F3
FBgn0026708	R.ALGVLASLVWDR.A	671.39	2	54	0.00022	0.93	R	F1
FBgn0026777	R.ETRPLSSDELIGELAQASLQSR.A	1223.15	2	33	0.024	0.81	R	F2
FBgn0026777	R.SAAGTSAAHQSGSAAADNEDLEQPLGVSTIR.L	1491.72	2	82	1.90E-07	1.03	R	F2

FBgn0027088	K.TVHVEEFIPSVVEPSFGIGR.I	1121.09	2	58	8.60E-05	0.70	R	F2
FBgn0027552	K.IKPIHNQIECHPALNQK.K	1083.56	2	35	0.02	1.72	R	F2
FBgn0027552	R.HIDTAYFYENENEVGAAVQR.K	1186.06	2	49	0.00032	0.59	R	F3
FBgn0027571	R.MLLELTHEAIIIDAGLNPSDLR.G	1182.11	2	51	0.00044	0.89	R	F2
FBgn0027571	R.AAPQLDLGGGHYVPR.Q	796.92	2	62	4.00E-05	1.61	R	F3
FBgn0027580	K.FLHGVLDTYFIDEHPQLFK.F	1202.1	2	48	0.00086	0.69	R	F2
FBgn0027580	K.SVVEYLQGSIGIPHGPFPEPLR.S	1197.63	2	70	4.50E-06	0.77	R	F2
FBgn0028325	R.GTIAYDIDHIQER.K	786.89	2	42	0.0035	1.00	R	F3
FBgn0028482	K.EPEHFLIGHAETFDNYYQLR.H	842.07	3	48	0.00047	0.89	R	F5
FBgn0028544	K.GIPVPVHVDRPYPVVEK.R	1061.58	2	35	0.015	1.31	R	F4
FBgn0028544	K.VPVHVPVDRPVPVEVPRYPVPVAKPYPVYVEK.A	1282.05	3	43	0.00021	1.47	R	F3
FBgn0028544	K.AVNVQVPVHVDRPYPVYVK.V	1132.12	2	66	8.20E-06	1.19	R	F2
FBgn0029875	R.RQPVEEDFSTHGFPVSR.T	677.33	3	34	0.017	0.78	R	F5
FBgn0029875	R.TTTTSTRPDQPDGEVLHTSK.T	1131.07	2	54	0.0002	0.82	R	F2
FBgn0030086	R.ALLSLPTAIADNAGYDSAQLVSELR.A	1317.2	2	75	6.00E-07	0.62	R	F1
FBgn0030106	R.TISLYSDNPSETEPHCR.L	1025.97	2	41	0.001	0.82	R	F3
FBgn0030106	K.EVPLGEHNYHVNQFDR.I	998.47	2	84	1.40E-07	1.01	R	F5
FBgn0031035	K.HPELESIPNLHVIK.A	855.47	2	49	0.00059	1.14	R	F2
FBgn0031035	R.HYYWYLTNEGIELR.S	1014.47	2	76	8.20E-07	0.40	R	F3
FBgn0031092	K.VYQDSISSLEHC PKPVITAVHK.A	1317.67	2	48	0.00086	1.70	R	F2
FBgn0031092	R.KFEAAEAHSSGLVSR.L	836.92	2	73	3.40E-06	1.00	R	F3
FBgn0031438	K.AETLLNESDHIAVR.R	805.42	2	42	0.0045	0.78	R	F3
FBgn0031438	R.RPLVLQLIYSPLDDR.E	922.03	2	45	0.00096	0.62	R	F3
FBgn0031589	K.QTLPEGIEHEFFEYLGNLTR.D	1255.13	2	31	0.04	0.91	R	F2
FBgn0031589	K.QTGILEDLLEHAVR.H	819.95	2	85	2.00E-07	1.31	R	F3
FBgn0032350	K.VVATPHLGASTSEAQVR.V	882.97	2	53	0.00032	1.04	R	F2
FBgn0032350	K.MTLEEIWPLADYITVHTPLIPATR.N	1411.76	2	92	2.50E-08	1.33	R	F2
FBgn0032453	K.GEVLSAYVVGSGPPDGLHR.Y	1026.02	2	72	6.00E-06	0.74	R	F3
FBgn0032453	R.EWHHWLVGNIPGGDVAK.G	1003.02	2	72	3.80E-06	0.49	R	F3
FBgn0032721	K.SLADVVAHEIAHSWTGNLVTK.N	1226.66	2	33	0.027	0.34	R	F2
FBgn0032721	K.RLDEILEFANSNFR.M	883.46	2	36	0.016	0.73	R	F3
FBgn0032729	K.EGTDYPVTIHGAKPGQTVR.T	1055.54	2	52	0.0004	1.21	R	F2
FBgn0033109	R.TLTEPVVDLVFHQR.R	848.46	2	81	5.00E-07	0.83	R	F3
FBgn0033434	R.MNAFLEHGIPANLVATHIVNASR.E	840.78	3	57	0.00014	1.02	R	F4
FBgn0033465	K.DDRIPVDHNLALYEGPEQR.F	760.38	3	34	0.021	0.75	R	F5
FBgn0033465	K.HGPQDHESLKPASSCPPVYKPDGK.I	1505.23	2	47	0.00081	1.49	R	F2
FBgn0033465	R.IPVDHNLALYEGPEQR.F	946.99	2	57	0.00012	1.09	R	F2
FBgn0033484	R.ERDEQFDGSAPSAFR.E	878.91	2	43	0.00087	1.05	R	F3
FBgn0033484	R.EIQPLNAEPAHNELTEQFLR.E	1197.62	2	75	1.70E-06	0.79	R	F2
FBgn0033504	K.YRPQNSDELELLEGDVVHVLEK.C	1333.67	2	30	0.052	0.88	R	F2
FBgn0033504	K.TDALHVDTSSSEPLAYR.A	910.45	2	51	0.00037	0.60	R	F2
FBgn0033728	K.ALDYLLSLPPAK.R	692.89	2	40	0.0073	1.16	R	F1

FBgn0033886	K.TLIVHLPESDVDDDRK.Q	1033	2	31	0.037	1.01	R	F2
FBgn0033886	R.INELNPPSAHQ.R.G	822.92	2	51	0.00066	1.10	R	F3
FBgn0034079	R.VAADFLHTQLNR.N	713.88	2	59	8.60E-05	1.17	R	F3
FBgn0034229	K.VPLLSNVQDFGDFLSQSGK.T	1071.05	2	30	0.033	1.01	R	F1
FBgn0034433	R.TEYDLHFQNLAE.R.A	840.91	2	45	0.0011	0.96	R	F3
FBgn0034433	K.LLLDGISTSQASHLR.H	826.95	2	59	6.60E-05	1.05	R	F3
FBgn0034488	K.ALAPPLA.YPPHDDVIR.A	1046.55	2	31	0.042	1.18	R	F4
FBgn0034488	K.AANQLTDRPTIINV.AISPSSDR.K	1191.13	2	39	0.0071	0.92	R	F2
FBgn0034618	K.ETESHIPISQDAEHILYR.L	1227.08	2	47	0.00081	0.99	R	F4
FBgn0034718	K.EAPETGEPAAHEYY.PITPR.Y	1085.52	2	87	8.40E-08	0.82	R	F2
FBgn0034968	K.HPHDVIDELNEGSIEVPAE.-	1071.51	2	29	0.047	0.86	R	F3
FBgn0034968	K.HSGNIGFEDILAIAR.V	827.93	2	94	2.20E-08	0.96	R	F3
FBgn0035060	K.LTNHLQATQLQISSVR.S	926.01	2	71	3.70E-06	0.80	R	F3
FBgn0035121	R.RPGAGGDETKDEPWAWESR.E	1114.5	2	29	0.02	0.79	R	F3
FBgn0035121	R.EGRPTAEQQLIELEDQAR.A	1113.56	2	45	0.0021	0.77	R	F3
FBgn0035121	K.WSHENPAHLVDIYGGNPVK.A	1109.04	2	60	6.30E-05	0.94	R	F3
FBgn0035147	R.RPSLSVYGSDFPTHDTGTGVR.D	1097.04	2	47	0.00087	0.57	R	F5
FBgn0035147	R.DYIHIVDLAEGHVK.A	846.94	2	51	0.00046	1.31	R	F2
FBgn0035281	R.TVEYTADDHNGFN.VVHK.T	1050.99	2	66	8.00E-06	1.00	R	F2
FBgn0035281	K.YHYNYGVADSHTGDVK.S	955.42	2	90	1.30E-08	0.91	R	F3
FBgn0035404	K.DHHQAQFTNLVDIAGVDVPCR.K	1217.59	2	41	0.0032	0.69	R	F5
FBgn0035404	R.ILTDYGFEGHPQR.R	787.88	2	48	0.00074	0.92	R	F3
FBgn0035510	K.VLAPAPLLHASPLVAK.V	844.03	2	30	0.0022	0.20	R	F1
FBgn0035510	R.IVEYTADPVHGFNAVVR.R	965	2	59	8.70E-05	0.73	R	F2
FBgn0035600	K.GGEDYIFSLTGYHDAPAGVVL.R.E	1246.64	2	58	7.10E-05	0.64	R	F2
FBgn0035600	R.KGGEDYIFSLTGYHDAPAGVVL.R.E	1331.69	2	63	3.00E-05	1.27	R	F2
FBgn0035600	K.GLFDALDHQSVR.R	700.35	2	73	2.70E-06	1.91	R	F3
FBgn0035943	K.SMPSPHPVVGSGFTHLTQTFWR.K	1284.64	2	76	1.30E-06	0.58	R	F4
FBgn0036030	K.VYAILTHGIFSGPAISR.I	922.51	2	68	7.60E-06	0.38	R	F2
FBgn0036619	K.YSVTTPTELR.T	606.32	2	39	0.0059	1.01	R	F1
FBgn0036619	R.LNHLNALR.E	496.79	2	41	0.0025	0.89	R	F4
FBgn0036619	K.APLVTDTEEVQQR.L	848.43	2	53	0.00033	0.71	R	F1
FBgn0036642	R.AVVAVAGQGAAASNHK.E	767.9	2	66	1.60E-05	0.96	R	F1
FBgn0036642	R.NESYDIQGASHLLR.L	822.9	2	72	3.20E-06	1.12	R	F3
FBgn0036663	K.NIECAIIDHAFEQGWIKPEIPEVR.T	983.5	3	26	0.13	1.34	R	F2
FBgn0036663	K.WNDLVFHGEWQEALR.Q	971.47	2	33	0.02	1.20	R	F3
FBgn0036663	R.HGGEAHINEPSSIGSLQEAAV.NK.N	1215.08	2	77	8.20E-07	0.93	R	F3
FBgn0036680	R.IGPGTHNNPSVADFR.L	813.91	2	51	0.00042	1.51	R	F3
FBgn0036680	R.AHVQNIIDIPLGGR.I	774.44	2	56	0.00012	0.87	R	F3
FBgn0036927	K.FWAHEHFELESPPDVVTF.SK.K	1246.6	2	31	0.029	1.57	R	F3
FBgn0036927	K.LQLGGYFHNDDFIPNEPYR.I	1169.05	2	73	2.00E-06	0.93	R	F2
FBgn0037001	K.LNSFICPGTPIGGLH.PAR.I	975.01	2	44	0.0023	1.01	R	F3

FBgn0037001	R.YQLSELVDWFHR.L	817.91	2	73	3.10E-06	0.88	R	F3
FBgn0037138	K.NFHFIHASADVSVVTSTIR.S	1136.57	2	51	0.00049	0.73	R	F5
FBgn0037138	R.EAGVPDGVVNFVPADGPVFGDTITASPHLAGINFTGSPVPTFNR.L	1461.4	3	60	2.10E-05	0.63	R	F2
FBgn0037146	R.ASAVNTLADLLVSR.E	737.92	2	42	0.0015	1.41	R	F1
FBgn0037146	K.WILEGQDHAAADFAEGGGR.T	1021.48	2	63	1.50E-05	0.84	R	F3
FBgn0037146	R.EEISDLLSMENHIDLIIPR.G	1140.09	2	75	2.00E-06	0.56	R	F2
FBgn0037146	R.LASIVEQV AECHLEGR.E	926.97	2	84	2.10E-07	1.51	R	F3
FBgn0037146	K.EALATVGAEHAVSLVSTR.E	927	2	98	9.80E-09	1.19	R	F2
FBgn0037525	R.RAPAPNPSQFVGATNEPPLPR.R	1129.6	2	33	0.023	0.89	R	F2
FBgn0037525	R.KQAATLHELEPLVSDTDDR.K	1111.56	2	56	0.00013	0.56	R	F2
FBgn0037580	K.AFEVQVGLHELLGHGSGK.L	981.51	2	47	0.0012	0.82	R	F2
FBgn0037580	K.TYEPTHEGYIQSWVER.Y	1018.97	2	57	8.20E-05	0.85	R	F3
FBgn0037607	R.TSRPNTCVIYDNEEPFTIGR.G	1206.06	2	37	0.0062	0.68	R	F2
FBgn0037607	R.VVVVEDHYQQGGLGEAVLSALAGER.N	1319.69	2	76	1.10E-06	0.58	R	F2
FBgn0038049	R.ALDLILTGRPVGSQEAHDIGLVNR.I	862.81	3	60	2.10E-05	0.59	R	F4
FBgn0038110	R.ATHAGSWYTDSGAELSR.Q	925.92	2	38	0.0037	0.83	R	F3
FBgn0038145	R.VQQAIPGIMQHIEQVCR.K	1025.03	2	50	0.00064	1.28	R	F3
FBgn0038145	K.DVVHQMSVQLEELYNGATR.K	1116.04	2	56	0.00016	0.61	R	F2
FBgn0038271	R.IPLHELEQR.I	590.34	2	35	0.019	0.77	R	F3
FBgn0038271	K.NNGVAHFLEHMAFK.G	849.91	2	41	0.003	1.26	R	F3
FBgn0038293	K.MVFHPEFLTSTNPLFGIDYEEFVR.G	1467.21	2	43	0.0019	0.82	R	F2
FBgn0038293	K.FSAIHEFQNLHAVAK.E	898.46	2	56	0.00018	0.79	R	F3
FBgn0038405	R.FGLERPTPTAAAPPPQQPQR.V	1213.64	2	44	0.0022	0.78	R	F2
FBgn0038405	R.LSIPGAVASPGQVPHR.Q	815.96	2	61	5.20E-05	1.02	R	F3
FBgn0038587	R.LFGVSTLDVVR.A	624.35	2	44	0.002	0.94	R	F1
FBgn0038587	K.QNPLVTDLALYDIVHTPGVAADLSHIDTK.S	1600.84	2	88	4.40E-08	0.76	R	F2
FBgn0038839	K.HCYIEQAFDNLHDHGYR.M	739.66	3	35	0.0033	1.54	R	F6
FBgn0039358	R.NYGDHYAIFEPGTR.N	841.39	2	46	0.00059	1.08	R	F3
FBgn0039358	K.NIANPVAMISASIDMLNHLGHK.E	1215.63	2	85	1.50E-07	1.02	R	F2
FBgn0039358	K.EHANVIQEAVYQTIVNDAIR.T	1163.11	2	120	5.20E-11	0.68	R	F2
FBgn0039359	K.THDDGTPEKPFGRHALVAGIDRYPR.K	913.8	3	29	0.066	0.59	R	F6
FBgn0039359	K.THDDGTPEKPFGRHALVAGIDR.Y	1159.07	2	64	1.80E-05	0.68	R	F4
FBgn0039480	R.TTDVLYSPLQRPARPEPDYSQTQSGDGPNSVR.I	1241.94	3	33	0.016	0.40	R	F4
FBgn0039480	R.ISRPVYALPPASPAPSSAR.A	991.55	2	42	0.0027	0.62	R	F2
FBgn0039480	R.VQYAPAPQPQPPLPQPQLPQQHHQPSVGPAPPR.L	1298.35	3	55	7.40E-05	0.77	R	F5
FBgn0039562	K.ALHIMDSGIGMTHQDLINNLGTIAK.S	918.48	3	26	0.12	0.99	R	F2
FBgn0039737	R.AHVHYVVTEHGIASLFGK.N	1025.04	2	63	3.20E-05	0.65	R	F5
FBgn0039737	K.QIVKPDVSVFIHVSPPDNHGYCSLGTSVDCVR.A	1189.91	3	65	1.10E-05	1.14	R	F4
FBgn0039737	K.DGATLQMGIGSIPDAVLAALHNHK.D	1257.15	2	78	9.40E-07	0.97	R	F2
FBgn0040064	R.ITGHLVHELQR.K	672.87	2	45	0.002	1.54	R	F5
FBgn0040064	K.EVDFVVDEHPRPK.T	825.91	2	63	3.20E-05	1.18	R	F3
FBgn0040064	K.LNVNGGAIALGHPLGASGR.I	952.02	2	75	1.50E-06	1.02	R	F3

FBgn0040660	R.HKEFLENLHK.-	710.87	2	46	0.0017	0.62	R	F3
FBgn0041789	K.TWHPEHFTCNHCSQELGTR.N	814.69	3	25	0.017	0.96	R	F6
FBgn0041789	K.TWTEHFFCAQCQQFGGEGFHER.D	1024.09	3	31	0.00067	0.40	R	F6
FBgn0041789	R.SPTAGHDFNGSSTTPGYANQGS LPR.Q	1282.6	2	65	7.70E-06	0.82	R	F2
FBgn0041789	R.AIMENYISALNSQWHPDC FVCR.D	919.43	3	70	1.50E-06	0.46	R	F2
FBgn0041789	R.DGFPYCEPDYHNLFS PR.C	1078.46	2	74	3.10E-07	0.87	R	F3
FBgn0050084	R.GGSTWRPHVTP TGNVPQNSPYLQTVTK.T	1552.29	2	37	0.0081	0.84	R	F2
FBgn0050084	R.HVSAPVNSPKPPSTGGLPTGQNICTECER.L	1587.76	2	67	6.10E-06	0.91	R	F2
FBgn0050122	K.VGLSWLSD LHLR.I	776.91	2	44	0.0022	0.93	R	F3
FBgn0051878	R.IVDYTADPLLGFNAQVR.R	967.51	2	64	2.60E-05	1.09	R	F1
FBgn0052029	R.DYQQYQPQQAAYRPPAQAAPQPPR.R	938.8	3	55	0.00014	0.27	R	F2
FBgn0052311	R.AVHVQVQQWLEALHDR.R	625.66	3	39	0.0073	0.80	R	F5
FBgn0052311	R.GSGLPASSDVQTVS QEHNTSSR.V	1208.04	2	92	1.10E-08	0.89	R	F3
FBgn0053113	R.LHPQVESLIYWR.D	791.92	2	56	0.00015	0.84	R	F3
FBgn0053113	K.QSIDTHL DLVR.S	669.86	2	75	1.90E-06	1.05	R	F3
FBgn0053113	K.VQNIAGVAVAHINGFISELR.R	1075.6	2	93	1.60E-08	0.83	R	F2
FBgn0053138	K.LFETDGYLRPFEHEIR.R	688.68	3	26	0.17	0.92	R	F5
FBgn0053138	K.HYGLHFQPDNSVIAR.E	898.45	2	43	0.0033	1.29	R	F5
FBgn0053138	R.LITHALGGEAYLNFMGNEFGHPEWLD FPR.V	1125.21	3	48	0.00052	1.16	R	F4
FBgn0053715	R.RPAVLNTPHIDKLEK.E	933.55	2	28	0.037	0.85	R	F3
FBgn0053715	R.LQNSQH GIDYEHLVQDLDEHK.I	1304.64	2	32	0.026	0.75	R	F4
FBgn0053715	R.VETSLHVIHALLQEHADK.K	710.72	3	41	0.0041	0.66	R	F5
FBgn0053715	K.QAQGELLVEHLVHTGEVV LASTSAQGQEIR.N	1118.94	3	42	0.0011	0.81	R	F4
FBgn0053715	K.FHALEHNFGQALQENR.A	976.97	2	67	8.90E-06	0.48	R	F5
FBgn0053715	K.EIHQWLSEAEQLLGTHNLSGGR.D	1259.12	2	70	4.90E-06	0.61	R	F5

^aFlyBase IDs were obtained from the FlyBase database (www.flybase.org).

^bPeptides are tryptic peptides with the primary amino groups (i.e., amino-termini and lysine residues) acetylated.

^cDescriptive titles were obtained directly from Mascot (www.matrixscience.com) results.

^dRatios were computed using peak intensities from extracted ion chromatograms of light- and heavy-labeled peptides.

^eF indicates that the peptide was obtained from the forward labeling experiment and R indicates that it was obtained from the reverse labeling experiment.

^fThe SCX fraction number from which the corresponding peptide was identified.