

Table S4. Peptide identifications used for the relative quantification of proteins in *parkin* mutants relative to age-matched controls from both label-free and isotope labeling approaches.

NCBI accession no. ^a	FlyBase ID ^b	Obs ^c	Mr(exp) ^c	Mr(cal) ^c	Delta ^c	Miss ^c	Score ^c	Expect ^c	Rank ^c	Peptide ^d	Ratio (PD-like/control) or peak area ^e	Experiment ^f
gi 8282	FBgn0000055	649.37	1296.73	1296.72	0.01	0	41	0.0037	1	K.AAVVNFTSSLAK.L	0.86	F&H (1D-GIST)
gi 7287844	FBgn0000055	694.03	2079.06	2079.05	0.01	0	29	0.08	1	K.LLAHPTQPSLACAENFVK.A	0.81	R&L (1D-GIST)
gi 7287844	FBgn0000055	646.35	1290.69	1290.68	0.01	0	55	0.00022	1	K.AAVVNFTSSLAK.L	0.71	R&L (1D-GIST)
gi 7287844	FBgn0000055	1040.54	2079.07	2079.05	0.03	0	44	0.0022	1	K.LLAHPTQPSLACAENFVK.A	0.99	R&L (1D-GIST)
gi 543797	FBgn0000064	1087.08	2172.14	2172.11	0.03	0	61	4.70E-05	1	R.IVPIVEPEVLDPGDHDLDR.A	1.11	F&H (1D-GIST)
gi 24650276	FBgn0000064	1216.11	2430.2	2430.19	0	0	42	0.0034	1	K.GVVPLFGSEDEVTTQGLDDLAAR.C	1.32	F&L (1D-GIST)
gi 24650276	FBgn0000064	919.51	1837	1836.99	0.01	1	39	0.0058	1	K.KNTPEEIALATVQALR.R	0.93	F&L (1D-GIST)
gi 24650276	FBgn0000064	834.46	1666.91	1666.89	0.02	0	40	0.0057	1	K.NTPEEIALATVQALR.R	1.10	F&L (1D-GIST)
gi 217318	FBgn0000064	1216.11	2430.21	2430.19	0.01	0	31	0.044	1	K.GVVPLFGSEDEVTTQGLDDLAAR.C	0.74	R&L (1D-GIST)
gi 217318	FBgn0000064	919.52	1837.02	1836.99	0.02	1	40	0.0036	1	K.KNTPEEIALATVQALR.R	1.20	R&L (1D-GIST)
gi 217318	FBgn0000064	834.46	1666.9	1666.89	0.01	0	37	0.012	1	K.NTPEEIALATVQALR.R	1.09	R&L (1D-GIST)
gi 217318	FBgn0000064	1085.56	2169.11	2169.1	0.02	0	75	1.70E-06	1	R.IVPIVEPEVLDPGDHDLDR.A	0.67	R&L (1D-GIST)
gi 24661348	FBgn0000116	547.33	1092.65	1092.64	0.01	1	88	7.40E-08	1	K.AKLEEVAAK.Y	0.69	F&H (1D-GIST)
gi 24661348	FBgn0000116	759.45	1516.89	1516.88	0	2	31	0.024	1	K.RLVTAVNEIEKR.V	0.77	F&H (1D-GIST)
gi 24661348	FBgn0000116	681.41	1360.8	1360.78	0.01	1	73	1.70E-06	1	R.LVTAVNEIEKR.V	0.99	F&H (1D-GIST)
gi 24661348	FBgn0000116	607.82	1213.63	1213.62	0.02	0	56	0.00012	1	R.MGLTEFEAVK.E	1.05	F&H (1D-GIST)
gi 24661348	FBgn0000116	893.47	1784.93	1784.91	0.02	0	64	2.70E-05	1	K.AVQQQLIDDFLKF.E	1.04	F&L (1D-GIST)
gi 24661348	FBgn0000116	880.92	1759.82	1759.8	0.02	0	71	2.70E-06	1	K.TFLVWCNEEDHLR.I	0.98	F&L (1D-GIST)
gi 24661348	FBgn0000116	702.38	1402.74	1402.72	0.02	0	53	0.00037	1	K.VSSTLSGLEGLK.G	1.15	F&L (1D-GIST)
gi 24661348	FBgn0000116	895.4	1788.79	1788.78	0.01	0	52	0.00013	1	R.GEHTAEGGVYDISNK.R	0.99	F&L (1D-GIST)
gi 24661348	FBgn0000116	926.99	1851.97	1851.96	0.02	0	83	2.90E-07	1	R.LGFLTFCPTNLGTTIR.A	1.03	F&L (1D-GIST)
gi 24661348	FBgn0000116	600.34	1198.66	1198.64	0.01	0	57	0.00014	1	R.LVTAVNEIEK.R	0.82	F&L (1D-GIST)
gi 24661348	FBgn0000116	898.41	1794.81	1794.82	-0.01	0	47	0.00028	1	R.GEHTAEGGVYDISNK.R	0.90	R&H (1D-GIST)
gi 24661348	FBgn0000116	1433.68	2865.35	2865.32	0.03	0	70	2.90E-06	1	K.HPASNFGDVSTFGNVDPNTNEYVISTR.V	0.62	R&L (1D-GIST)
gi 24661348	FBgn0000116	893.47	1784.93	1784.91	0.02	0	46	0.0017	1	K.AVQQQLIDDFLKF.E	0.76	R&L (1D-GIST)
gi 24661348	FBgn0000116	880.91	1759.82	1759.8	0.02	0	54	0.00014	1	K.TFLVWCNEEDHLR.I	0.90	R&L (1D-GIST)
gi 24661348	FBgn0000116	702.37	1402.73	1402.72	0.01	0	60	6.90E-05	1	K.VSSTLSGLEGLK.G	0.65	R&L (1D-GIST)
gi 24661348	FBgn0000116	926.99	1851.97	1851.96	0.01	0	70	6.30E-06	1	R.LGFLTFCPTNLGTTIR.A	0.85	R&L (1D-GIST)
gi 24661348	FBgn0000116	600.34	1198.66	1198.64	0.01	0	57	0.00016	1	R.LVTAVNEIEK.R	0.85	R&L (1D-GIST)
gi 24661348	FBgn0000116	678.39	1354.76	1354.75	0.01	1	60	6.20E-05	1	R.LVTAVNEIEKR.V	0.89	R&L (1D-GIST)
gi 24661348	FBgn0000116	604.8	1207.59	1207.58	0.01	0	77	1.10E-06	1	R.MGLTEFEAVK.E	0.79	R&L (1D-GIST)
gi 114211	FBgn0000121	600.83	1199.65	1199.64	0.01	0	28	0.084	1	K.VFQLATTYR.Y	1.16	F&H (1D-GIST)
gi 114211	FBgn0000121	652.33	1302.64	1302.64	0	0	37	0.014	1	K.TAATVQVSNNK.K	0.79	R&L (1D-GIST)
gi 114211	FBgn0000121	724.9	1447.79	1447.77	0.01	0	39	0.0062	1	K.TFYLIPLAANNK.D	0.92	R&L (1D-GIST)
gi 127980	FBgn0000150	737.89	1473.77	1473.76	0.01	0	38	0.012	1	R.TFIMVKPDGVQR.G	0.70	F&L (1D-GIST)

gij127980	FBgn0000150	777.38	1552.75	1552.74	0.01	0	32	0.028	1	R.NIIHGSDAVESA EK.E	0.69	R&L (1D-GIST)
gij17981717	FBgn0000261	1144.57	2287.13	2287.09	0.03	0	111	4.70E-10	1	R.GPILLQDVNFLDEM SHFDR.E	1.10	F&L (1D-GIST)
gij17981717	FBgn0000261	723.06	2166.14	2166.12	0.03	0	47	0.00082	1	R.LVQNIAGHLSNASQFLQER.A	1.39	F&L (1D-GIST)
gij17981717	FBgn0000261	667.32	1332.62	1332.62	0	0	51	0.00029	1	K.NFTQVHADFGR.M	0.87	R&L (1D-GIST)
gij17981717	FBgn0000261	1144.57	2287.12	2287.09	0.02	0	110	5.00E-10	1	R.GPILLQDVNFLDEM SHFDR.E	0.69	R&L (1D-GIST)
gij17981717	FBgn0000261	723.05	2166.14	2166.12	0.02	0	54	0.0002	1	R.LVQNIAGHLSNASQFLQER.A	1.18	R&L (1D-GIST)
gij84914	FBgn0000313	746.89	1491.76	1491.74	0.02	0	67	1.20E-05	1	K.VFMLHMENTGLR.E	0.78	F&H (1D-GIST)
gij84914	FBgn0000313	730.38	1458.74	1458.73	0.02	0	66	1.80E-05	1	R.TFFDGNPIHTLR.E	0.90	F&L (1D-GIST)
gij84914	FBgn0000313	1141.64	2281.27	2281.25	0.03	0	72	1.30E-06	1	R.LLLTDNILSEIPYDALGPLK.S	1.00	F&L (1D-GIST)
gij84914	FBgn0000313	689.01	2064.01	2064	0.02	0	47	0.0013	1	R.LHYFEYGCLDSLPHLR.S	0.33	R&H (1D-GIST)
gij84914	FBgn0000313	761.42	2281.25	2281.25	0	0	43	0.0016	1	R.LLLTDNILSEIPYDALGPLK.S	0.69	R&L (1D-GIST)
gij84914	FBgn0000313	745.38	1488.74	1488.72	0.01	0	60	6.70E-05	1	K.VFMLHMENTGLR.E	0.69	R&L (1D-GIST)
gij84914	FBgn0000313	1141.64	2281.27	2281.25	0.03	0	68	3.20E-06	1	R.LLLTDNILSEIPYDALGPLK.S	0.84	R&L (1D-GIST)
gij24652838	FBgn0000556	1002.57	2003.12	2003.09	0.02	0	73	1.30E-06	1	K.TLIDALDAILPPARPTDK.A	0.85	F&L (1D-GIST)
gij24652838	FBgn0000556	668.71	2003.11	2003.09	0.02	0	41	0.002	1	K.TLIDALDAILPPARPTDK.A	0.77	F&L (1D-GIST)
gij24652838	FBgn0000556	1034.56	3100.65	3100.62	0.03	0	29	0.049	1	K.SGDAAI VNLVPSKPLC VEA FQEF PPLGR.F	0.65	R&H (1D-GIST)
gij24652838	FBgn0000556	1002.57	2003.12	2003.09	0.03	0	62	1.60E-05	1	K.TLIDALDAILPPARPTDK.A	0.83	R&L (1D-GIST)
gij24652838	FBgn0000556	668.71	2003.11	2003.09	0.01	0	40	0.0026	1	K.TLIDALDAILPPARPTDK.A	0.84	R&L (1D-GIST)
gij21392248	FBgn0000579	826.97	1651.92	1651.91	0.02	0	50	0.00052	1	K.AVGHVNDTLGPELIK.A	0.89	F&H (1D-GIST)
gij21392248	FBgn0000579	978.06	1954.11	1954.1	0.01	0	68	5.50E-06	1	K.VNIGITV TESIAAHL LAK.K	0.82	F&H (1D-GIST)
gij21392248	FBgn0000579	671.37	1340.73	1340.72	0.01	0	79	8.20E-07	1	K.EALNLISDAIAK.A	0.79	F&L (1D-GIST)
gij21392248	FBgn0000579	903.97	1805.94	1805.93	0.01	0	109	8.30E-10	1	R.AAVPSGASTGVHEALELR.D	1.10	F&L (1D-GIST)
gij17137654	FBgn0000579	823.95	1645.89	1645.87	0.02	0	47	0.0011	1	K.AVGHVNDTLGPELIK.A	1.04	R&L (1D-GIST)
gij17137654	FBgn0000579	671.37	1340.73	1340.72	0.01	0	81	5.60E-07	1	K.EALNLISDAIAK.A	1.13	R&L (1D-GIST)
gij17137654	FBgn0000579	975.05	1948.09	1948.06	0.02	0	51	0.00021	1	K.VNIGITV TESIAAHL LAK.K	1.17	R&L (1D-GIST)
gij17137654	FBgn0000579	903.98	1805.94	1805.93	0.01	0	96	1.60E-08	1	R.AAVPSGASTGVHEALELR.D	0.86	R&L (1D-GIST)
gij24664085	FBgn0000639	638.38	1274.75	1274.74	0.01	0	53	0.00021	1	K.FILDIVQNIR.Q	15.43	F&H (1D-GIST)
gij24664085	FBgn0000639	583.36	1164.7	1164.68	0.01	0	52	0.00021	1	R.FPQHLLLP R.G	9.60	F&H (1D-GIST)
gij24664085	FBgn0000639	619.87	1237.73	1237.72	0.01	0	57	6.80E-05	1	R.LSEIVLHNLR.Q	5.52	F&H (1D-GIST)
gij24664085	FBgn0000639	729.43	1456.85	1456.83	0.02	0	41	0.003	1	R.QVESLIADVLLGR.L	3.48	F&H (1D-GIST)
gij24664085	FBgn0000639	824.91	1647.81	1647.78	0.02	0	31	0.047	1	K.LMTDDEILEMLQR.N	7.39	R&L (1D-GIST)
gij24664085	FBgn0000639	794.41	1586.8	1586.78	0.02	0	32	0.041	1	R.AMNPVMSILMPWR.E	3.82	R&L (1D-GIST)
gij24664085	FBgn0000639	618.36	1234.71	1234.7	0.01	0	57	4.40E-05	1	R.LSEIVLHNLR.Q	5.10	R&L (1D-GIST)
gij24664085	FBgn0000639	727.92	1453.83	1453.81	0.01	0	46	0.00096	1	R.QVESLIADVLLGR.L	14.81	R&L (1D-GIST)
gij8186	FBgn0000667	630.86	1259.71	1259.7	0.01	0	33	0.032	1	R.LASDLEWIR.R	0.89	F&H (1D-GIST)
gij8186	FBgn0000667	872.44	1742.86	1742.84	0.02	0	76	1.30E-06	1	K.IHQAVQESMIFENR.Y	1.10	F&L (1D-GIST)
gij8186	FBgn0000667	776.36	1550.71	1550.7	0	1	75	9.30E-07	1	R.GKEEMLQSQDFR.Q	0.98	F&L (1D-GIST)
gij8186	FBgn0000667	729.4	1456.78	1456.77	0.01	0	65	2.40E-05	1	R.VGWEQLLTSINR.N	0.38	F&L (1D-GIST)
gij8186	FBgn0000667	748.37	1494.72	1494.7	0.01	0	47	0.00065	1	K.AGTAIDNIEEDFR.N	0.88	R&H (1D-GIST)

gij18186	FBgn0000667	630.86	1259.7	1259.7	0.01	0	35	0.019	1	R.LASDLEWIR.R	0.96	R&H (1D-GIST)
gij1070611	FBgn0000667	613.29	1836.84	1836.84	0	1	42	0.002	1	K.KHEAFESDLAAHQDR.V	0.88	R&L (1D-GIST)
gij18186	FBgn0000667	872.43	1742.85	1742.84	0.01	0	80	6.10E-07	1	K.IHQAVQESMIFENR.Y	0.68	R&L (1D-GIST)
gij18186	FBgn0000667	729.4	1456.78	1456.77	0.01	0	40	0.008	1	R.VGWEQLLSINR.N	0.79	R&L (1D-GIST)
gij17861668	FBgn0001125	885.92	1769.82	1769.8	0.02	0	28	0.037	1	R.AGFTVLCSDDEEAAR.V	1.13	R&H (1D-GIST)
gij17861668	FBgn0001125	777.41	1552.8	1552.8	0.01	0	78	9.10E-07	1	K.HNVTAQSIGTGALR.I	1.17	R&L (1D-GIST)
gij217336	FBgn0001128	798.95	1595.89	1595.87	0.02	0	82	3.10E-07	1	K.AEGGGIDLISHIITR.H	0.84	F&H (1D-GIST)
gij217336	FBgn0001128	816.44	1630.86	1630.84	0.02	0	37	0.013	1	K.IVGANAAALPEFEER.V	0.66	F&H (1D-GIST)
gij103185	FBgn0001128	797.44	1592.87	1592.85	0.02	0	79	6.00E-07	1	K.AEGGGIDLISHIITR.H	0.76	R&L (1D-GIST)
gij8072	FBgn0001196	1193.22	2384.43	2384.4	0.03	0	81	8.00E-09	1	K.LLSGVVIAQGGVLPNIQAVLLPK.K	0.95	F&L (1D-GIST)
gij8072	FBgn0001196	795.82	2384.42	2384.4	0.02	0	54	4.30E-06	1	K.LLSGVVIAQGGVLPNIQAVLLPK.K	0.98	F&L (1D-GIST)
gij8072	FBgn0001196	1193.22	2384.43	2384.4	0.02	0	68	1.50E-07	1	K.LLSGVVIAQGGVLPNIQAVLLPK.K	0.90	R&L (1D-GIST)
gij8072	FBgn0001196	446.77	891.53	891.53	0	0	36	0.003	1	R.HLQLAIR.N	0.97	R&L (1D-GIST)
gij8072	FBgn0001196	795.82	2384.43	2384.4	0.02	0	50	1.20E-05	1	K.LLSGVVIAQGGVLPNIQAVLLPK.K	1.11	R&L (1D-GIST)
gij266310	FBgn0001218	787.92	1573.82	1573.81	0.01	0	71	5.70E-06	1	K.VFAPEEISAMVLGK.M	1.28	F&L (1D-GIST)
gij266310	FBgn0001218	965.5	1928.99	1928.97	0.02	0	43	0.0035	1	K.VTHAVVTPPAYFNDAQR.Q	0.90	F&L (1D-GIST)
gij266310	FBgn0001218	787.92	1573.82	1573.81	0.01	0	75	2.30E-06	1	K.VFAPEEISAMVLGK.M	1.31	R&L (1D-GIST)
gij266310	FBgn0001218	965.5	1928.99	1928.97	0.02	0	44	0.0029	1	K.VTHAVVTPPAYFNDAQR.Q	0.89	R&L (1D-GIST)
gij28571721	FBgn0001219	868.88	1735.75	1735.75	0.01	0	45	0.00034	1	K.STAGDTHLGGEDFDNRL	0.78	F&H (1D-GIST)
gij28571721	FBgn0001219	1021.04	2040.06	2040.04	0.02	0	33	0.031	1	K.TVTNAVITVPAYFNDSQR.Q	1.14	F&H (1D-GIST)
gij28571721	FBgn0001219	669.38	1336.74	1336.73	0.02	0	31	0.04	1	R.LVTHFVQEFK.R	0.84	F&H (1D-GIST)
gij19527633	FBgn0001219	747.92	1493.83	1493.82	0.01	0	68	5.90E-06	1	K.SVIHDIVLVGGSTR.I	0.84	F&L (1D-GIST)
gij19527633	FBgn0001219	761.9	1521.78	1521.76	0.02	1	51	0.0004	1	R.ARFEELNADLFR.S	0.78	F&L (1D-GIST)
gij103190	FBgn0001219	1021.03	2040.05	2040.04	0.01	0	36	0.015	1	K.TVTNAVITVPAYFNDSQR.Q	0.67	R&H (1D-GIST)
gij28571721	FBgn0001219	867.37	1732.73	1732.73	0	0	50	0.00012	1	K.STAGDTHLGGEDFDNRL	0.94	R&L (1D-GIST)
gij28571721	FBgn0001219	747.92	1493.83	1493.82	0.01	0	72	3.10E-06	1	K.SVIHDIVLVGGSTR.I	0.92	R&L (1D-GIST)
gij28571721	FBgn0001219	761.89	1521.77	1521.76	0.01	1	55	0.00017	1	R.ARFEELNADLFR.S	0.96	R&L (1D-GIST)
gij28571721	FBgn0001219	666.36	1330.7	1330.69	0.01	0	36	0.019	1	R.LVTHFVQEFK.R	0.92	R&L (1D-GIST)
gij17647529	FBgn0001233	910	1817.99	1817.97	0.02	0	40	0.0056	1	K.QLEINPDHPIVETLR.Q	1.07	F&H (1D-GIST)
gij17647529	FBgn0001233	1090.48	2178.95	2178.94	0.02	0	80	8.80E-08	1	R.FHTSASGDDFCSLADYVSR.M	0.69	R&H (1D-GIST)
gij24660868	FBgn0001248	750.88	1499.75	1499.73	0.02	0	74	2.50E-06	1	K.AGPVVDVLGDEMTR.I	1.12	F&L (1D-GIST)
gij24660868	FBgn0001248	692.35	1382.68	1382.68	0	0	85	1.30E-07	1	K.TVEAEAAHGTVTR.H	0.86	F&L (1D-GIST)
gij24660868	FBgn0001248	783.91	1565.81	1565.8	0.01	1	51	0.00056	1	R.FKDIFEDLYNK.Q	2.27	R&H (1D-GIST)
gij24660868	FBgn0001248	750.88	1499.75	1499.73	0.02	0	67	1.10E-05	1	K.AGPVVDVLGDEMTR.I	0.96	R&L (1D-GIST)
gij24660868	FBgn0001248	692.35	1382.68	1382.68	0	0	95	1.50E-08	1	K.TVEAEAAHGTVTR.H	1.27	R&L (1D-GIST)
gij418925	FBgn0001942	790.4	1578.78	1578.76	0.02	0	70	5.10E-06	1	K.LFVLDEADEMLSR.G	0.77	F&L (1D-GIST)
gij418925	FBgn0001942	811.93	1621.84	1621.82	0.01	0	73	3.20E-06	1	R.ILESGCHVVVGTPGR.V	0.73	F&L (1D-GIST)
gij418925	FBgn0001942	767.39	1532.76	1532.76	0	1	29	0.082	1	K.GVAINFITDDDRR.I	0.80	R&L (1D-GIST)
gij418925	FBgn0001942	852.45	1702.88	1702.86	0.02	2	29	0.092	1	R.KGVAINFITDDDRR.I	0.95	R&L (1D-GIST)

gii418925	FBgn0001942	790.39	1578.77	1578.76	0.01	0	52	0.00036	1	K.LFVLDDEADEMLSR.G	0.76	R&L (1D-GIST)
gii418925	FBgn0001942	811.92	1621.83	1621.82	0	0	93	3.30E-08	1	R.ILESGCHVVVGTGR.V	0.90	R&L (1D-GIST)
gii17647601	FBgn0002564	553.32	1104.63	1104.62	0.01	0	55	0.00025	1	K.FLFEIVHR.I	7.17	F&H (1D-GIST)
gii2454567	FBgn0002564	1037.97	2073.93	2073.94	-0.01	0	70	2.00E-06	1	K.YDFPLDISEPHNAFPDR.L	5.82	R&L (1D-GIST)
gii2454565	FBgn0002564	551.81	1101.61	1101.6	0.01	0	62	5.10E-05	1	K.FLFEIVHR.I	24.54	R&L (1D-GIST)
gii2495185	FBgn0002565	653.88	1305.74	1305.73	0.01	0	51	0.00043	1	K.VHLEAGVNHK.R	1.42	F&H (1D-GIST)
gii2495185	FBgn0002565	1312.68	2623.35	2623.37	-0.02	1	31	0.038	1	K.FDVETINVLGNIQGNADSVDKK.F	1.82	F&H (1D-GIST)
gii2495185	FBgn0002565	488.29	1461.83	1461.83	0	1	29	0.054	1	K.VHLEAGVNHK.R.A	3.27	F&H (1D-GIST)
gii2495185	FBgn0002565	784.85	1567.69	1567.67	0.01	0	57	3.00E-05	1	K.HDYFFDVHNFK.F	1.59	F&L (1D-GIST)
gii2495185	FBgn0002565	762.85	1523.68	1523.68	0	0	39	0.0022	1	K.LDQSEAHCGVPCR.M	1.63	F&L (1D-GIST)
gii2495185	FBgn0002565	875.47	2623.39	2623.37	0.02	1	36	0.013	1	K.FDVETINVLGNIQGNADSVDKK.F	1.28	R&H (1D-GIST)
gii2495185	FBgn0002565	1308.18	2614.34	2614.31	0.02	1	106	1.50E-09	1	K.FDVETINVLGNIQGNADSVDKK.F	1.90	R&L (1D-GIST)
gii2495185	FBgn0002565	486.27	1455.8	1455.79	0	1	36	0.016	1	K.VHLEAGVNHK.R.A	1.70	R&L (1D-GIST)
gii2495185	FBgn0002565	784.85	1567.68	1567.67	0.01	0	71	1.30E-06	1	K.HDYFFDVHNFK.F	1.42	R&L (1D-GIST)
gii2495185	FBgn0002565	762.85	1523.68	1523.68	0	0	59	2.50E-05	1	K.LDQSEAHCGVPCR.M	1.28	R&L (1D-GIST)
gii2495185	FBgn0002565	650.86	1299.7	1299.69	0	0	42	0.005	1	K.VHLEAGVNHK.R	1.35	R&L (1D-GIST)
gii2495185	FBgn0002565	728.91	1455.8	1455.79	0	1	52	0.00038	1	K.VHLEAGVNHK.R.A	8.92	R&L (1D-GIST)
gii482955	FBgn0002741	990.02	1978.03	1978	0.03	1	87	1.40E-07	1	K.AKLEQTLDELEDSL.R.E	1.58	F&H (1D-GIST)
gii482955	FBgn0002741	747.93	1493.84	1493.82	0.02	1	62	3.30E-05	1	K.ISLTTQLEDTKR.L	1.01	F&H (1D-GIST)
gii482955	FBgn0002741	641.33	1280.64	1280.63	0.01	0	35	0.021	1	R.AGVLGQMEEFR.D	0.90	F&H (1D-GIST)
gii482955	FBgn0002741	841.41	1680.81	1680.8	0.01	1	30	0.035	1	R.AGVLGQMEEFR.D.R.L	0.83	F&H (1D-GIST)
gii482955	FBgn0002741	902.49	1802.97	1802.95	0.02	0	28	0.1	1	R.ATSVRPQFDGLAFPPR.F	1.25	F&H (1D-GIST)
gii482955	FBgn0002741	760.37	1518.73	1518.71	0.01	0	63	1.60E-05	1	R.IEELEEEVEAER.Q	10.86	F&H (1D-GIST)
gii482955	FBgn0002741	832.94	1663.86	1663.84	0.02	0	38	0.011	1	R.LAEAETIESLNQK.C	0.87	F&H (1D-GIST)
gii482955	FBgn0002741	787.9	1573.79	1573.79	0	1	37	0.0091	1	R.RANALQNELES.R.T	0.93	F&H (1D-GIST)
gii482280	FBgn0002741	782.1	2343.29	2343.27	0.02	2	37	0.0087	1	K.KKLEADINELEIALDHANK.A	0.87	F&H (1D-GIST)
gii482955	FBgn0002741	674.36	1346.7	1346.69	0.01	0	69	8.80E-06	1	K.EQLNSLMTTLR.S	0.99	F&L (1D-GIST)
gii482955	FBgn0002741	810.88	1619.75	1619.74	0.01	0	67	7.60E-06	1	K.GAYEEGQEQLEAVR.R	0.89	F&L (1D-GIST)
gii482955	FBgn0002741	699.86	1397.7	1397.68	0.02	1	59	7.00E-05	1	K.KGGGFATVSSAYK.E	0.48	F&L (1D-GIST)
gii482955	FBgn0002741	686.38	1370.75	1370.74	0.01	1	41	0.0046	1	K.KLSIENS DLLR.Q	0.55	F&L (1D-GIST)
gii482955	FBgn0002741	643.84	1285.66	1285.65	0.01	0	44	0.003	1	K.LTQEAVADLER.N	0.73	F&L (1D-GIST)
gii482955	FBgn0002741	754.89	1507.77	1507.76	0.01	0	33	0.04	1	K.QLQHTLNEVQSK.L	0.71	F&L (1D-GIST)
gii482955	FBgn0002741	609.32	1216.63	1216.62	0.01	0	47	0.0015	1	K.TALLDSLGEK.G	0.82	F&L (1D-GIST)
gii482955	FBgn0002741	565.3	1128.58	1128.57	0.01	0	64	3.30E-05	1	R.ADLAEQAISK.F	0.85	F&L (1D-GIST)
gii482955	FBgn0002741	998	1993.99	1993.97	0.02	0	96	1.50E-08	1	R.DLEANIQUESTLANLR.K	1.13	F&L (1D-GIST)
gii482955	FBgn0002741	665.83	1329.64	1329.62	0.02	0	74	2.30E-06	1	R.ITAAVMHMGGMK.F	0.97	F&L (1D-GIST)
gii482955	FBgn0002741	640.82	1279.62	1279.62	0.01	0	36	0.01	1	R.NLEHDLNLR.E	0.52	F&L (1D-GIST)
gii482955	FBgn0002741	1150.59	2299.16	2299.13	0.03	0	39	0.0074	1	K.GSLEDQVVQTNPVLEAFGNAK.T	0.71	F&L (1D-GIST)
gii482955	FBgn0002741	998.47	1994.92	1994.9	0.02	0	92	1.80E-08	1	K.HNDVAEMAQVQDLNKL.L	0.69	F&L (1D-GIST)

gii482955	FBgn0002741	1081.57	2161.12	2161.09	0.03	1	110	5.20E-10	1	K.KLEADINELEIALDHANK.A	0.95	F&L (1D-GIST)
gii482955	FBgn0002741	1276.15	2550.28	2550.27	0.01	1	72	2.90E-06	1	R.KLESELQTLHSDLDLLENEAK.N	1.10	F&L (1D-GIST)
gii482280	FBgn0002741	717.7	2150.07	2150.07	0	1	48	0.00088	1	R.RDLEENIQHESTLANLR.K	0.90	F&L (1D-GIST)
gii482280	FBgn0002741	721.38	2161.11	2161.09	0.02	1	51	0.00043	1	K.KLEADINELEIALDHANK.A	0.82	F&L (1D-GIST)
gii482280	FBgn0002741	665.67	1993.98	1993.97	0.01	0	44	0.0023	1	R.DLEENIQHESTLANLR.K	0.90	F&L (1D-GIST)
gii482280	FBgn0002741	851.11	2550.29	2550.27	0.02	1	61	4.20E-05	1	R.KLESELQTLHSDLDLLENEAK.N	1.07	F&L (1D-GIST)
gii482280	FBgn0002741	774.38	2320.13	2320.12	0.01	0	34	0.02	1	K.AEDMSNLTYLNDASVLHNL.R.Q	1.25	R&H (1D-GIST)
gii482955	FBgn0002741	729.35	1456.68	1456.7	-0.01	1	38	0.0049	1	K.ELSFQSEEDRK.N	0.68	R&H (1D-GIST)
gii482955	FBgn0002741	680.38	1358.74	1358.74	0.01	1	35	0.021	1	K.KAEELHAAEVK.V	0.97	R&H (1D-GIST)
gii482955	FBgn0002741	602.84	1203.66	1203.65	0.01	0	44	0.0029	1	K.LSIENS DLLR.Q	1.07	R&H (1D-GIST)
gii482280	FBgn0002741	1031.2	3090.56	3090.52	0.04	2	53	0.00022	1	K.RLEAEKDELQAAL EEA AALQEENK.V	0.68	R&H (1D-GIST)
gii482955	FBgn0002741	845.94	1689.87	1689.85	0.02	0	45	0.0022	1	R.LSTEVEDLQLEVDRA	0.83	R&H (1D-GIST)
gii482955	FBgn0002741	704.38	1406.75	1406.74	0.01	1	37	0.014	1	K.KGGGFATVSSAYK.E	0.89	R&H (1D-GIST)
gii482955	FBgn0002741	641.33	1280.64	1280.63	0.01	0	47	0.0013	1	R.AGVLGQMEEFR.D	1.10	R&H (1D-GIST)
gii482955	FBgn0002741	841.41	1680.81	1680.8	0.01	1	37	0.0082	1	R.AGVLGQMEEFRDER.L	0.81	R&H (1D-GIST)
gii482955	FBgn0002741	714.38	1426.75	1426.74	0.01	0	59	9.50E-05	1	K.GDIVSVGLQGGVEVR.D	1.94	R&L (1D-GIST)
gii482280	FBgn0002741	767.39	2299.15	2299.13	0.02	0	36	0.014	1	K.GSLEDQVVQTNPVLEAFGNAK.T	0.68	R&L (1D-GIST)
gii482280	FBgn0002741	665.98	1994.92	1994.9	0.02	0	58	4.30E-05	1	K.HNDAVAEMAEQVDQLNK.L	0.80	R&L (1D-GIST)
gii482955	FBgn0002741	1081.57	2161.12	2161.09	0.03	1	98	9.10E-09	1	K.KLEADINELEIALDHANK.A	0.76	R&L (1D-GIST)
gii7579901	FBgn0002741	871.45	1740.89	1740.88	0.02	1	35	0.023	1	K.LKVDDLAELDASQK.E	0.89	R&L (1D-GIST)
gii482955	FBgn0002741	1276.16	2550.31	2550.27	0.04	1	68	7.40E-06	1	R.KLESELQTLHSDLDLLENEAK.N	0.71	R&L (1D-GIST)
gii482955	FBgn0002741	987	1971.99	1971.96	0.02	1	84	2.50E-07	1	K.AKLEQTLDELEDSL.R.E	0.94	R&L (1D-GIST)
gii482955	FBgn0002741	674.36	1346.7	1346.69	0.01	0	62	4.20E-05	1	K.EQLNSLMTTLR.S	0.83	R&L (1D-GIST)
gii7579901	FBgn0002741	810.88	1619.75	1619.74	0	0	65	1.00E-05	1	K.GAYEEGQEQLEAVR.R	0.77	R&L (1D-GIST)
gii482955	FBgn0002741	1150.59	2299.16	2299.13	0.03	0	32	0.038	1	K.GSLEDQVVQTNPVLEAFGNAK.T	0.79	R&L (1D-GIST)
gii482955	FBgn0002741	998.47	1994.93	1994.9	0.03	0	109	4.20E-10	1	K.HNDAVAEMAEQVDQLNK.L	0.81	R&L (1D-GIST)
gii7579901	FBgn0002741	744.91	1487.8	1487.78	0.02	1	44	0.0022	1	K.ISLTTQLEDTKR.L	0.82	R&L (1D-GIST)
gii482280	FBgn0002741	721.38	2161.11	2161.09	0.02	1	49	0.00084	1	K.KLEADINELEIALDHANK.A	0.96	R&L (1D-GIST)
gii7579901	FBgn0002741	686.38	1370.75	1370.74	0.01	1	55	0.00022	1	K.KLSIENS DLLR.Q	0.96	R&L (1D-GIST)
gii482955	FBgn0002741	643.84	1285.66	1285.65	0.01	0	53	0.00043	1	K.LTQEA VADLER.N	0.81	R&L (1D-GIST)
gii482955	FBgn0002741	609.32	1216.63	1216.62	0.01	0	30	0.087	1	K.TALLDSL SGEK.G	0.70	R&L (1D-GIST)
gii482955	FBgn0002741	998	1993.98	1993.97	0.01	0	88	9.20E-08	1	R.DLEENIQHESTLANLR.K	0.75	R&L (1D-GIST)
gii482955	FBgn0002741	758.86	1515.71	1515.69	0.02	0	58	7.10E-05	1	R.IEELEEEVEAER.Q	0.99	R&L (1D-GIST)
gii482955	FBgn0002741	665.83	1329.64	1329.62	0.01	0	64	2.30E-05	1	R.ITAAVMHMGGMK.F	0.75	R&L (1D-GIST)
gii482280	FBgn0002741	851.11	2550.29	2550.27	0.02	1	68	7.70E-06	1	R.KLESELQTLHSDLDLLENEAK.N	0.89	R&L (1D-GIST)
gii7579901	FBgn0002741	829.92	1657.82	1657.8	0.01	0	33	0.034	1	R.LAEAEETIESLNQK.C	0.78	R&L (1D-GIST)
gii482955	FBgn0002741	786.39	1570.77	1570.77	0	1	47	0.0012	1	R.RANALQNEELES.R.T	1.29	R&L (1D-GIST)
gii17136340	FBgn0002772	910.01	1818.01	1817.98	0.03	1	28	0.056	1	K.IKLDEF LPIYSQVK.K	0.91	F&L (1D-GIST)
gii17136340	FBgn0002772	768.41	1534.81	1534.79	0.02	0	54	0.00023	1	K.LDEF LPIYSQVK.K	0.77	F&L (1D-GIST)

gij17136340	FBgn0002772	747.44	1492.87	1492.85	0.02	0	63	1.00E-05	1	R.ALNLNPTLALIEK.L	0.83	F&L (1D-GIST)
gij17136340	FBgn0002772	768.41	1534.81	1534.79	0.01	0	61	5.60E-05	1	K.LDEFLPIYSQVK.K	0.90	R&L (1D-GIST)
gij17136340	FBgn0002772	747.44	1492.87	1492.85	0.02	0	70	2.10E-06	1	R.ALNLNPTLALIEK.L	0.96	R&L (1D-GIST)
gij2944333	FBgn0002921	660.87	1319.73	1319.71	0.02	0	36	0.02	1	K.NMVPQFATVIR.G	0.78	F&H (1D-GIST)
gij2944333	FBgn0002921	981.51	1961	1960.98	0.02	0	62	3.70E-05	1	K.SVGIHSEGNETVEDIAQR.L	1.24	F&H (1D-GIST)
gij2944333	FBgn0002921	852.48	1702.95	1702.93	0.02	0	33	0.032	1	R.IAGLASGLDTGETPIAK.E	0.88	F&H (1D-GIST)
gij2944333	FBgn0002921	641.87	1281.72	1281.71	0.01	0	36	0.012	1	R.LNIPVSEVNPR.E	0.90	F&H (1D-GIST)
gij2944333	FBgn0002921	532.8	1063.58	1063.58	0	0	44	0.0022	1	K.AAVVHGAELR.D	1.07	F&L (1D-GIST)
gij2944333	FBgn0002921	906.92	1811.82	1811.81	0	0	27	0.049	1	K.EAFNNAYMELGGLGER.V	1.05	F&L (1D-GIST)
gij2944333	FBgn0002921	765.37	1528.72	1528.71	0.01	0	77	9.80E-07	1	K.GVVISCGDHTVMGR.I	0.83	F&L (1D-GIST)
gij2944333	FBgn0002921	733.4	1464.78	1464.76	0.02	0	62	3.50E-05	1	K.VIMVTGDHPITAK.A	1.09	F&L (1D-GIST)
gij2944333	FBgn0002921	923.42	1844.82	1844.82	0	0	72	1.20E-06	1	K.YQVSIHETEDTNDPR.Y	0.98	F&L (1D-GIST)
gij2944333	FBgn0002921	702.86	1403.71	1403.69	0.02	0	65	2.20E-05	1	R.FVGLMSMIDPPR.A	0.94	F&L (1D-GIST)
gij2944333	FBgn0002921	949.99	1897.96	1897.95	0.02	0	70	6.60E-06	1	R.MGAIVAVTGDGVNDSPALK.K	0.82	F&L (1D-GIST)
gij2944333	FBgn0002921	589.31	1176.6	1176.59	0.01	0	37	0.014	1	R.YHTEIVFAR.T	0.90	F&L (1D-GIST)
gij2944333	FBgn0002921	869.94	1737.86	1737.84	0.02	0	36	0.013	1	K.FNTDDINFIDNLR.F	0.72	R&H (1D-GIST)
gij2944333	FBgn0002921	908.43	1814.84	1814.83	0.01	0	47	0.00058	1	K.EAFNNAYMELGGLGER.V	0.79	R&H (1D-GIST)
gij2944333	FBgn0002921	532.8	1063.58	1063.58	0	0	52	0.00032	1	K.AAVVHGAELR.D	0.91	R&L (1D-GIST)
gij2944333	FBgn0002921	765.37	1528.72	1528.71	0.01	0	89	5.20E-08	1	K.GVVISCGDHTVMGR.I	0.78	R&L (1D-GIST)
gij2944333	FBgn0002921	980	1957.98	1957.96	0.02	0	75	2.00E-06	1	K.SVGIHSEGNETVEDIAQR.L	0.63	R&L (1D-GIST)
gij2944333	FBgn0002921	923.42	1844.82	1844.82	0	0	72	1.30E-06	1	K.YQVSIHETEDTNDPR.Y	0.67	R&L (1D-GIST)
gij2944333	FBgn0002921	702.86	1403.71	1403.69	0.02	0	41	0.0049	1	R.FVGLMSMIDPPR.A	0.74	R&L (1D-GIST)
gij2944333	FBgn0002921	849.46	1696.9	1696.89	0.02	0	63	2.70E-05	1	R.IAGLASGLDTGETPIAK.E	0.79	R&L (1D-GIST)
gij2944333	FBgn0002921	949.99	1897.97	1897.95	0.03	0	83	3.40E-07	1	R.MGAIVAVTGDGVNDSPALK.K	0.69	R&L (1D-GIST)
gij2944333	FBgn0002921	589.31	1176.6	1176.59	0	0	50	0.00073	1	R.YHTEIVFAR.T	0.84	R&L (1D-GIST)
gij84873	FBgn0002938	656.42	1310.83	1310.81	0.02	0	32	0.005	1	K.VLAAILNIGNIR.F	0.63	F&H (1D-GIST)
gij84872	FBgn0002938	585.35	1168.69	1168.68	0.01	0	68	6.30E-06	1	K.ALGVLDTVIAR.Q	0.71	F&L (1D-GIST)
gij84872	FBgn0002938	516.3	1030.59	1030.58	0.01	0	48	0.00065	1	R.LVDIFIINR.I	1.15	F&L (1D-GIST)
gij84872	FBgn0002938	749.34	2245	2244.99	0.01	0	27	0.045	1	K.IQHYDEEHQVSIEEYR.T	1.10	F&L (1D-GIST)
gij84872	FBgn0002938	750.35	2248.02	2248.01	0	0	45	0.0005	1	K.IQHYDEEHQVSIEEYR.T	0.62	R&H (1D-GIST)
gij84873	FBgn0002938	1123.49	2244.97	2244.99	-0.02	0	114	4.80E-11	1	K.IQHYDEEHQVSIEEYR.T	0.75	R&L (1D-GIST)
gij84873	FBgn0002938	585.35	1168.69	1168.68	0.01	0	68	6.80E-06	1	K.ALGVLDTVIAR.Q	0.77	R&L (1D-GIST)
gij84873	FBgn0002938	654.91	1307.8	1307.79	0.01	0	62	6.20E-06	1	K.VLAAILNIGNIR.F	0.73	R&L (1D-GIST)
gij84873	FBgn0002938	516.3	1030.59	1030.58	0.01	0	48	0.00071	1	R.LVDIFIINR.I	0.70	R&L (1D-GIST)
gij279529	FBgn0003075	838.91	1675.81	1675.8	0.02	0	72	3.50E-06	1	K.LGDVYVNDAFGTAHR.A	0.80	F&L (1D-GIST)
gij279529	FBgn0003075	847.45	1692.88	1692.86	0.02	0	34	0.02	1	K.SVVLMSHLGRPDGNK.N	0.76	F&L (1D-GIST)
gij279529	FBgn0003075	838.91	1675.81	1675.8	0.02	0	86	1.60E-07	1	K.LGDVYVNDAFGTAHR.A	1.03	R&L (1D-GIST)
gij279529	FBgn0003075	847.45	1692.88	1692.86	0.02	0	36	0.015	1	K.SVVLMSHLGRPDGNK.N	0.92	R&L (1D-GIST)
gij10959	FBgn0003149	899.47	1796.93	1796.92	0.01	2	40	0.0068	1	R.RLENERDELTAAYK.E	0.77	F&H (1D-GIST)

gij10959	FBgn0003149	670.38	1338.75	1338.74	0.01	0	74	1.60E-06	1	K.NLILLQDALDK.S	0.81	F&L (1D-GIST)
gij10959	FBgn0003149	644.34	1286.66	1286.65	0.02	0	40	0.008	1	K.SQVISQLEDAR.R	0.75	F&L (1D-GIST)
gij10959	FBgn0003149	671.36	1340.71	1340.69	0.02	0	63	3.60E-05	1	R.LAGLNGELEEV.R	0.54	F&L (1D-GIST)
gij10959	FBgn0003149	914.91	1827.82	1827.8	0.01	0	108	3.20E-10	1	R.LEEAEGGAEHQFEANR.K	0.93	F&L (1D-GIST)
gij10959	FBgn0003149	867.42	1732.83	1732.82	0	0	80	4.10E-07	1	R.QLSEQEGVSQTTTR.V	0.86	F&L (1D-GIST)
gij10959	FBgn0003149	1048.56	2095.1	2095.08	0.02	0	79	6.40E-07	1	R.SLLESSLHQVEIELDSVR.N	0.82	F&L (1D-GIST)
gij10959	FBgn0003149	780.88	1559.74	1559.73	0	0	81	2.70E-07	1	K.HVVEQVHEEQER.I	0.81	F&L (1D-GIST)
gij10959	FBgn0003149	520.92	1559.73	1559.73	0	0	45	0.0011	1	K.HVVEQVHEEQER.I	0.83	F&L (1D-GIST)
gij10959	FBgn0003149	610.28	1827.81	1827.8	0.01	0	59	2.00E-05	1	R.LEEAEGGAEHQFEANR.K	0.83	F&L (1D-GIST)
gij10959	FBgn0003149	450.59	1348.75	1348.75	0.01	1	44	0.0016	1	R.RLHELELELR.R	0.76	F&L (1D-GIST)
gij10959	FBgn0003149	520.92	1559.73	1559.73	0	0	47	0.00081	1	K.HVVEQVHEEQER.I	1.09	R&L (1D-GIST)
gij10959	FBgn0003149	597.33	1192.65	1192.65	0	0	41	0.0035	1	R.LHELELELR.R	0.89	R&L (1D-GIST)
gij10959	FBgn0003149	450.59	1348.75	1348.75	0.01	1	34	0.016	1	R.RLHELELELR.R	1.02	R&L (1D-GIST)
gij10959	FBgn0003149	719.35	1436.68	1436.68	0.01	0	44	0.0025	1	R.TVELQYEEAASR.I	0.86	R&L (1D-GIST)
gij10959	FBgn0003149	780.87	1559.73	1559.73	0	0	75	1.30E-06	1	K.HVVEQVHEEQER.I	1.25	R&L (1D-GIST)
gij10959	FBgn0003149	670.38	1338.75	1338.74	0.01	0	72	2.60E-06	1	K.NLILLQDALDK.S	0.91	R&L (1D-GIST)
gij10959	FBgn0003149	671.36	1340.7	1340.69	0.01	0	69	8.20E-06	1	R.LAGLNGELEEV.R	0.94	R&L (1D-GIST)
gij10959	FBgn0003149	914.92	1827.82	1827.8	0.02	0	106	4.70E-10	1	R.LEEAEGGAEHQFEANR.K	0.84	R&L (1D-GIST)
gij10959	FBgn0003149	867.42	1732.82	1732.82	0	0	68	7.90E-06	1	R.QLSEQEGVSQTTTR.V	0.82	R&L (1D-GIST)
gij10959	FBgn0003149	675.38	1348.75	1348.75	0.01	1	28	0.064	1	R.RLHELELELR.R	1.08	R&L (1D-GIST)
gij10959	FBgn0003149	1048.56	2095.1	2095.08	0.03	0	72	3.40E-06	1	R.SLLESSLHQVEIELDSVR.N	0.79	R&L (1D-GIST)
gij1079084	FBgn0003162	770.43	1538.84	1538.82	0.02	1	66	1.60E-05	1	K.TREEFLNLVNSK.-	1.11	F&H (1D-GIST)
gij38455513	FBgn0003162	627.34	1252.66	1252.65	0.01	0	64	1.90E-05	1	K.TVTSTMLGVFR.D	0.94	F&L (1D-GIST)
gij38455513	FBgn0003162	648.36	1294.7	1294.69	0.02	0	72	3.00E-06	1	R.LLLGGLGENPDR.Q	0.96	F&L (1D-GIST)
gij38455513	FBgn0003162	767.4	1532.79	1532.78	0.01	1	69	9.20E-06	1	K.TREEFLNLVNSK.-	0.90	R&L (1D-GIST)
gij38455513	FBgn0003162	627.34	1252.66	1252.65	0.01	0	68	7.20E-06	1	K.TVTSTMLGVFR.D	0.98	R&L (1D-GIST)
gij3128475	FBgn0003178	668.86	1335.7	1335.69	0.01	0	31	0.04	1	R.LQFDSPPVPHV.R.L	0.91	F&L (1D-GIST)
gij3128475	FBgn0003178	724	2168.98	2168.98	0	0	36	0.0064	1	R.MNFSHGSHEYHAATVANVR.Q	0.85	F&L (1D-GIST)
gij3128475	FBgn0003178	990.51	1979.01	1979	0.01	0	50	0.00071	1	R.GAGTIDASHAAIAAVEAATK.A	1.12	R&L (1D-GIST)
gij3128475	FBgn0003178	724	2168.99	2168.98	0.01	0	39	0.0037	1	R.MNFSHGSHEYHAATVANVR.Q	0.77	R&L (1D-GIST)
gij132748	FBgn0003279	968.07	1934.12	1934.1	0.02	0	32	0.0095	1	R.YALVSAIAASGVPALVQSK.G	0.90	F&H (1D-GIST)
gij132748	FBgn0003279	633.36	1897.07	1897.05	0.01	0	43	0.0016	1	K.APIRPDVVNEVHQLLR.R	0.84	F&L (1D-GIST)
gij132748	FBgn0003279	968.06	1934.11	1934.1	0.01	0	67	4.30E-06	1	R.YALVSAIAASGVPALVQSK.G	0.91	R&H (1D-GIST)
gij132748	FBgn0003279	645.71	1934.11	1934.1	0.01	0	51	0.00019	1	R.YALVSAIAASGVPALVQSK.G	0.92	R&H (1D-GIST)
gij132748	FBgn0003279	633.36	1897.07	1897.05	0.01	0	31	0.024	1	K.APIRPDVVNEVHQLLR.R	0.91	R&L (1D-GIST)
gij7159652	FBgn0003432	610.98	1829.93	1829.93	0.01	0	43	0.0034	1	R.HWLQAESLHPDSLPR.I	1.01	F&H (1D-GIST)
gij7159652	FBgn0003432	498.91	1493.7	1493.7	0	0	38	0.0056	1	R.INEQTAHFEAR.L	0.80	F&L (1D-GIST)
gij8250181	FBgn0003432	747.86	1493.7	1493.7	0	0	56	0.0001	1	R.INEQTAHFEAR.L	0.86	R&L (1D-GIST)
gij8250181	FBgn0003432	706.85	1411.69	1411.68	0	0	33	0.019	1	R.VAENQAVHFEAR.L	0.95	R&L (1D-GIST)

gii8250181	FBgn0003432	498.91	1493.7	1493.7	0	0	37	0.0084	1	R.INEHQTAHFEAR.L	1.01	R&L (1D-GIST)
gii103399	FBgn0003470	792.88	1583.74	1583.73	0.01	0	94	1.40E-08	1	K.HQAFEAEELANADR.I	1.27	F&L (1D-GIST)
gii103399	FBgn0003470	836.89	1671.77	1671.75	0.02	1	55	0.0001	1	K.KHDAFETDFTAHK.D	0.87	F&L (1D-GIST)
gii103399	FBgn0003470	751.41	1500.8	1500.79	0.02	0	59	8.50E-05	1	R.LLNVISSGENMLK.D	0.85	F&L (1D-GIST)
gii103399	FBgn0003470	549.93	1646.77	1646.78	-0.01	0	72	2.20E-06	1	K.HALLEADVMAHQDR.I	0.52	F&L (1D-GIST)
gii103399	FBgn0003470	937.16	2808.47	2808.43	0.04	0	66	1.10E-05	1	K.IAALQTVADQLIAQNHYASNLVDEK.R	0.79	F&L (1D-GIST)
gii103399	FBgn0003470	559.62	1675.84	1675.84	0	0	61	4.40E-05	1	K.HQLVEADIVAHEDR.I	1.19	R&H (1D-GIST)
gii103399	FBgn0003470	781.87	1561.73	1561.72	0.01	0	75	1.10E-06	1	K.FIESGHFDADNIR.N	0.74	R&L (1D-GIST)
gii103399	FBgn0003470	549.94	1646.79	1646.78	0	0	72	2.70E-06	1	K.HALLEADVMAHQDR.I	0.78	R&L (1D-GIST)
gii103399	FBgn0003470	792.88	1583.74	1583.73	0.01	0	111	2.60E-10	1	K.HQAFEAEELANADR.I	0.97	R&L (1D-GIST)
gii103399	FBgn0003470	937.16	2808.47	2808.43	0.04	0	66	1.00E-05	1	K.IAALQTVADQLIAQNHYASNLVDEK.R	1.05	R&L (1D-GIST)
gii103399	FBgn0003470	836.89	1671.76	1671.75	0.01	1	59	3.10E-05	1	K.KHDAFETDFTAHK.D	0.90	R&L (1D-GIST)
gii103399	FBgn0003470	751.41	1500.8	1500.79	0.02	0	59	7.70E-05	1	R.LLNVISSGENMLK.D	0.82	R&L (1D-GIST)
gii423777	FBgn0003471	764.44	1526.86	1526.85	0	1	58	7.60E-05	1	K.KFEALISDLTQK.W	1.08	F&H (1D-GIST)
gii423777	FBgn0003471	816.91	1631.81	1631.8	0.02	0	69	7.60E-06	1	K.VGSELITEGHFGADR.I	0.80	F&H (1D-GIST)
gii423777	FBgn0003471	759.91	1517.81	1517.8	0.01	1	64	2.60E-05	1	K.KFEALISDLTQK.W	0.84	R&L (1D-GIST)
gii423777	FBgn0003471	815.4	1628.79	1628.78	0.01	0	63	2.60E-05	1	K.VGSELITEGHFGADR.I	1.05	R&L (1D-GIST)
gii85165	FBgn0003721	587.83	1173.64	1173.63	0.01	0	43	0.0029	1	K.IVELEELR.L	0.77	F&H (1D-GIST)
gii38047701	FBgn0003721	764.4	1526.79	1526.77	0.02	0	67	1.50E-05	1	K.ALQNAESEVAALNR.R	0.82	F&L (1D-GIST)
gii38047701	FBgn0003721	586.32	1170.62	1170.61	0.01	0	67	1.70E-05	1	K.IVELEELR.V	0.64	F&L (1D-GIST)
gii38047701	FBgn0003721	594.8	1187.59	1187.59	0.01	0	50	0.0008	1	K.LAMVEADLER.A	0.52	F&L (1D-GIST)
gii38047701	FBgn0003721	650.35	1298.69	1298.67	0.01	0	40	0.0071	1	R.IQLLEEDLER.S	0.77	F&L (1D-GIST)
gii38047701	FBgn0003721	679.86	1357.7	1357.69	0.01	1	99	9.70E-09	1	R.KLAMVEADLER.A	0.94	F&L (1D-GIST)
gii38047701	FBgn0003721	728.4	1454.79	1454.77	0.01	1	43	0.003	1	R.RIQLLEEDLER.S	0.83	F&L (1D-GIST)
gii85165	FBgn0003721	862.13	2583.35	2583.33	0.03	1	58	7.00E-05	1	K.KIQTVENELDQTQEALTLVTGK.L	0.88	F&L (1D-GIST)
gii85164	FBgn0003721	587.83	1173.64	1173.63	0.01	0	67	1.20E-05	1	K.IVELEELR.V	0.96	R&H (1D-GIST)
gii85165	FBgn0003721	764.4	1526.78	1526.77	0.01	0	57	0.00014	1	K.ALQNAESEVAALNR.R	1.07	R&L (1D-GIST)
gii85165	FBgn0003721	586.32	1170.62	1170.61	0.01	0	65	2.50E-05	1	K.IVELEELR.L	1.07	R&L (1D-GIST)
gii1351285	FBgn0003721	862.13	2583.36	2583.33	0.03	1	61	3.50E-05	1	K.KIQTVENELDQTQEALTLVTGK.L	0.93	R&L (1D-GIST)
gii85165	FBgn0003721	594.8	1187.59	1187.59	0.01	0	64	3.20E-05	1	K.LAMVEADLER.A	1.03	R&L (1D-GIST)
gii85165	FBgn0003721	650.35	1298.68	1298.67	0.01	0	40	0.0072	1	R.IQLLEEDLER.S	0.82	R&L (1D-GIST)
gii85165	FBgn0003721	679.86	1357.71	1357.69	0.02	1	95	2.40E-08	1	R.KLAMVEADLER.A	0.86	R&L (1D-GIST)
gii85165	FBgn0003721	728.4	1454.78	1454.77	0.01	1	43	0.0038	1	R.RIQLLEEDLER.S	0.87	R&L (1D-GIST)
gii17136564	FBgn0003884	557.32	1112.62	1112.61	0.01	0	68	1.40E-05	1	K.EIVDLVLDRI	0.80	F&L (1D-GIST)
gii17136564	FBgn0003884	935.02	1868.02	1868.01	0.01	0	63	2.30E-05	1	R.IHFPLVITYAPVISAEK.A	0.98	F&L (1D-GIST)
gii17136564	FBgn0003884	880.96	1759.9	1759.89	0.02	0	29	0.088	1	R.NLDIERPTYTNLNR.L	0.84	F&L (1D-GIST)
gii17136564	FBgn0003884	557.31	1112.62	1112.61	0.01	0	59	9.40E-05	1	K.EIVDLVLDRI	0.86	R&L (1D-GIST)
gii17136564	FBgn0003884	935.02	1868.04	1868.01	0.03	0	66	8.50E-06	1	R.IHFPLVITYAPVISAEK.A	0.76	R&L (1D-GIST)
gii17136564	FBgn0003884	880.95	1759.89	1759.89	0.01	0	28	0.11	1	R.NLDIERPTYTNLNR.L	0.82	R&L (1D-GIST)

gij17945305	FBgn0004117	612.33	1222.64	1222.63	0.01	0	30	0.069	1	K.IMELEEBELK.V	0.87	F&H (1D-GIST)
gij17945305	FBgn0004117	751.86	1501.71	1501.7	0.01	0	46	0.001	1	K.LLEATQSADENNR.M	0.70	F&L (1D-GIST)
gij17945305	FBgn0004117	787.91	1573.81	1573.79	0.01	0	65	2.00E-05	1	K.LLTATESEVATQNR.K	0.75	F&L (1D-GIST)
gij28571726	FBgn0004117	789.42	1576.82	1576.81	0.01	0	34	0.026	1	K.LLTATESEVATQNR.K	0.85	R&H (1D-GIST)
gij38048155	FBgn0004117	751.86	1501.7	1501.7	0	0	51	0.00033	1	K.LLEATQSADENNR.M	0.65	R&L (1D-GIST)
gij103432	FBgn0004169	709.86	1417.7	1417.69	0.01	0	84	2.10E-07	1	K.DAGVLGLSSAAMER.N	0.78	F&L (1D-GIST)
gij85169	FBgn0004169	754.87	1507.72	1507.7	0.01	1	49	0.0005	1	K.LETEKYDLEER.Q	1.19	F&L (1D-GIST)
gij85169	FBgn0004169	749.92	1497.82	1497.81	0.01	0	74	2.40E-06	1	R.IKPLAIEGFGEAK.L	0.80	F&L (1D-GIST)
gij85169	FBgn0004169	749.92	1497.82	1497.81	0.01	0	64	2.20E-05	1	R.IKPLAIEGFGEAK.L	0.89	R&L (1D-GIST)
gij1526609	FBgn0004363	1206.59	2411.17	2411.16	0.01	0	49	0.00065	1	K.DFVLHTAVNDGQEFSGSIFQR.T	1.07	F&H (1D-GIST)
gij19550069	FBgn0004363	1017.94	2033.87	2033.89	-0.02	0	54	4.30E-05	1	K.TSSGIEFNTAGHSNQESGK.V	0.83	F&L (1D-GIST)
gij19550069	FBgn0004363	1020.98	2039.94	2039.93	0.01	0	55	8.40E-05	1	K.TSSGIEFNTAGHSNQESGK.V	0.86	R&H (1D-GIST)
gij19550069	FBgn0004363	612.28	1222.55	1222.55	0	0	33	0.014	1	K.YQLDDASVR.A	0.78	R&L (1D-GIST)
gij280603	FBgn0004551	947.48	2839.41	2839.39	0.02	0	46	0.0011	1	K.IVEFLQSMNEISAMTGDGVNDAPALK.K	0.91	F&H (1D-GIST)
gij280603	FBgn0004551	779.45	1556.88	1556.87	0.01	0	82	2.10E-07	1	K.FSIPVLLDET.LK.F	0.81	F&L (1D-GIST)
gij280603	FBgn0004551	646.36	1290.71	1290.69	0.02	0	69	6.60E-06	1	K.I.LAL.TG.QYGTGR.D	0.85	F&L (1D-GIST)
gij280603	FBgn0004551	779.45	1556.88	1556.87	0.01	0	74	1.30E-06	1	K.FSIPVLLDET.LK.F	0.62	R&L (1D-GIST)
gij280603	FBgn0004551	646.36	1290.7	1290.69	0.01	0	82	4.00E-07	1	K.I.LAL.TG.QYGTGR.D	0.99	R&L (1D-GIST)
gij479373	FBgn0004574	844.88	1687.74	1687.73	0.01	0	49	0.00018	1	K.YSTHLHLAEDCMK.S	0.72	R&L (1D-GIST)
gij479373	FBgn0004574	944.5	1886.99	1886.98	0.01	0	88	1.00E-07	1	R.HEHIAVVSTQVTQNLK.K	0.87	R&L (1D-GIST)
gij118187	FBgn0004629	1265.67	2529.32	2529.28	0.04	1	95	1.60E-08	1	R.KEALELLDATLAQLATGDGSPYK.A	0.75	F&L (1D-GIST)
gij118187	FBgn0004629	1180.61	2359.21	2359.18	0.03	0	93	2.90E-08	1	K.EALELLDATLAQLATGDGSPYK.A	0.96	F&L (1D-GIST)
gij118187	FBgn0004629	787.4	2359.18	2359.18	0	0	58	8.40E-05	1	K.EALELLDATLAQLATGDGSPYK.A	0.81	R&L (1D-GIST)
gij118187	FBgn0004629	1180.61	2359.21	2359.18	0.03	0	79	6.50E-07	1	K.EALELLDATLAQLATGDGSPYK.A	0.83	R&L (1D-GIST)
gij118187	FBgn0004629	1265.67	2529.32	2529.28	0.03	1	100	4.90E-09	1	R.KEALELLDATLAQLATGDGSPYK.A	0.82	R&L (1D-GIST)
gij112683	FBgn0004907	605.81	1209.61	1209.61	0.01	0	43	0.0024	1	R.YLAEVATGDAR.N	0.88	R&H (1D-GIST)
gij112683	FBgn0004907	796.38	1590.74	1590.74	0	0	31	0.032	1	K.SVTETGVELSNEER.N	0.65	R&L (1D-GIST)
gij17647889	FBgn0005533	631.85	1261.68	1261.67	0.01	0	70	7.00E-06	1	K.IAGYVTHLMGR.L	0.93	F&H (1D-GIST)
gij17647889	FBgn0005533	664.85	1327.7	1327.69	0.01	1	46	0.0023	1	R.LTLDFHTNKR.I	0.96	R&L (1D-GIST)
gij17647889	FBgn0005533	630.34	1258.66	1258.65	0.01	0	81	6.90E-07	1	K.IAGYVTHLMGR.L	0.79	R&L (1D-GIST)
gij3929670	FBgn0005664	814.42	1626.82	1626.81	0.01	0	61	4.90E-05	1	K.SSNLQQQQQQQLR.G	0.83	F&L (1D-GIST)
gij3929670	FBgn0005664	639.83	1277.64	1277.63	0.02	0	60	7.10E-05	1	R.FNSLEELQTR.L	0.83	F&L (1D-GIST)
gij3929670	FBgn0005664	721.38	1440.75	1440.74	0.01	0	45	0.0021	1	R.LLNNDLWQLDR.L	1.04	F&L (1D-GIST)
gij3929670	FBgn0005664	799.44	1596.86	1596.84	0.02	1	57	0.00012	1	R.RLLNNDLWQLDR.L	0.71	F&L (1D-GIST)
gij3929670	FBgn0005664	1122.98	3365.91	3365.89	0.02	0	40	0.00026	1	R.LLDQQTLLLAQSLPSIQATVVSHPPTLLATR.L	1.00	F&L (1D-GIST)
gij3929670	FBgn0005664	1017.87	3050.6	3050.56	0.03	0	90	3.80E-08	1	R.LTAQAIAEAQSLVEAQQASQLQLEAQNRR.R	1.18	F&L (1D-GIST)
gij3929670	FBgn0005664	1069.91	3206.7	3206.66	0.04	1	126	7.20E-12	1	R.LTAQAIAEAQSLVEAQQASQLQLEAQNRR.E	1.28	F&L (1D-GIST)
gij3929670	FBgn0005664	641.33	1280.65	1280.64	0.01	0	38	0.012	1	R.FNSLEELQTR.L	0.84	R&H (1D-GIST)
gij3929670	FBgn0005664	814.41	1626.81	1626.81	0	0	69	7.30E-06	1	K.SSNLQQQQQQQLR.G	0.84	R&L (1D-GIST)

gij3929670	FBgn0005664	1122.98	3365.92	3365.89	0.03	0	52	1.90E-05	1	R.LLDQQTLLLAQSLPSIQATVVSHPPPTLLATR.L	0.83	R&L (1D-GIST)
gij3929670	FBgn0005664	721.38	1440.75	1440.74	0.01	0	45	0.0025	1	R.LLNNDLWQLDR.L	0.96	R&L (1D-GIST)
gij3929670	FBgn0005664	1017.87	3050.59	3050.56	0.03	0	95	1.30E-08	1	R.LTAQAIAEAQSLVEAQQASQLQLEAQR.R	0.91	R&L (1D-GIST)
gij3929670	FBgn0005664	799.43	1596.85	1596.84	0.02	1	46	0.0014	1	R.RLNNDLWQLDR.L	0.98	R&L (1D-GIST)
gij24646341	FBgn0005671	1112.09	2222.17	2222.17	0	0	77	9.10E-07	1	K.IPIFSAAGLPHNEIAAQICR.Q	1.05	F&H (1D-GIST)
gij24646341	FBgn0005671	787.95	1573.88	1573.86	0.02	1	44	0.0012	1	K.RIPASILAEFYPR.D	1.04	F&L (1D-GIST)
gij24646341	FBgn0005671	1247.12	2492.23	2492.23	0	0	32	0.035	1	R.IYPEEMIQTGISAIDVMNSIAR.G	0.91	F&L (1D-GIST)
gij24646341	FBgn0005671	711.4	1420.79	1420.78	0.01	0	29	0.089	1	R.IPASILAEFYPR.D	0.76	R&H (1D-GIST)
gij24646341	FBgn0005671	1110.59	2219.16	2219.15	0.01	0	107	1.10E-09	1	K.IPIFSAAGLPHNEIAAQICR.Q	0.99	R&L (1D-GIST)
gij24646341	FBgn0005671	787.94	1573.87	1573.86	0.01	1	74	1.50E-06	1	K.RIPASILAEFYPR.D	1.03	R&L (1D-GIST)
gij17864292	FBgn0010100	950.49	1898.97	1898.96	0.02	0	50	0.00059	1	K.VLYSHLDDPANQDIVR.G	0.99	F&H (1D-GIST)
gij17864292	FBgn0010100	1159.62	2317.22	2317.2	0.02	0	36	0.015	1	K.VAVPSTVHCDHLIEAQIGGPK.D	1.30	R&H (1D-GIST)
gij34420414	FBgn0010217	724.85	1447.68	1447.68	-0.01	0	67	7.80E-06	1	K.AHGGYSVFAGVGER.T	0.70	F&L (1D-GIST)
gij34420414	FBgn0010217	562.84	1123.66	1123.65	0.01	0	49	0.00024	1	K.LVPLEQTIK.G	0.75	F&L (1D-GIST)
gij2493029	FBgn0010217	771.44	1540.86	1540.85	0.01	0	88	7.60E-08	1	K.TVLIMELINNVAK.A	0.72	F&L (1D-GIST)
gij34420414	FBgn0010217	822.42	1642.83	1642.81	0.02	0	80	7.00E-07	1	K.VALVYQGMNEPPGAR.A	0.87	F&L (1D-GIST)
gij38048209	FBgn0010217	586.84	1171.66	1171.65	0.01	0	57	0.00014	1	K.VVDLLAPYAK.G	0.69	F&L (1D-GIST)
gij38048209	FBgn0010217	705.39	1408.77	1408.76	0.02	0	64	1.70E-05	1	R.IINVIGEPIDER.G	0.76	F&L (1D-GIST)
gij34420414	FBgn0010217	956.48	1910.95	1910.93	0.02	0	74	2.50E-06	1	R.IMDPNIIGQEHYNVAR.G	0.92	F&L (1D-GIST)
gij38048209	FBgn0010217	860.48	1718.95	1718.93	0.02	0	85	9.80E-08	1	R.LVLEVAQHLGENTVR.T	0.80	F&L (1D-GIST)
gij38048209	FBgn0010217	652.83	1303.65	1303.64	0.01	0	69	7.90E-06	1	R.TIAMDGTEGLVR.G	0.75	F&L (1D-GIST)
gij34420414	FBgn0010217	741.41	1480.81	1480.79	0.02	0	63	2.30E-05	1	R.VALTGLTVAEYFR.D	0.71	F&L (1D-GIST)
gij34420414	FBgn0010217	1024.03	2046.05	2046.02	0.03	0	40	0.0064	1	R.FLSQPFQVAEVFTGHAGK.L	0.93	F&L (1D-GIST)
gij287945	FBgn0010217	1017.05	2032.08	2032.06	0.02	0	64	2.20E-05	1	R.AIAELGIYPAVDPLDSTSR.I	0.73	R&H (1D-GIST)
gij287945	FBgn0010217	1149.07	2296.12	2296.09	0.03	0	51	0.0003	1	R.IPSAVGYQPTLATDMGSMQER.I	0.51	R&H (1D-GIST)
gij287945	FBgn0010217	1027.05	2052.08	2052.06	0.03	0	41	0.0055	1	R.FLSQPFQVAEVFTGHAGK.L	0.89	R&H (1D-GIST)
gij287945	FBgn0010217	683.02	2046.03	2046.02	0.01	0	32	0.045	1	R.FLSQPFQVAEVFTGHAGK.L	0.78	R&L (1D-GIST)
gij34420414	FBgn0010217	724.86	1447.7	1447.68	0.02	0	54	0.00025	1	K.AHGGYSVFAGVGER.T	0.99	R&L (1D-GIST)
gij34420414	FBgn0010217	562.84	1123.66	1123.65	0.01	0	43	0.0011	1	K.LVPLEQTIK.G	0.81	R&L (1D-GIST)
gij34420414	FBgn0010217	771.44	1540.86	1540.85	0.01	0	75	1.40E-06	1	K.TVLIMELINNVAK.A	0.77	R&L (1D-GIST)
gij34420414	FBgn0010217	822.42	1642.83	1642.81	0.01	0	72	4.80E-06	1	K.VALVYQGMNEPPGAR.A	0.77	R&L (1D-GIST)
gij38048209	FBgn0010217	586.84	1171.66	1171.65	0.01	0	54	0.00029	1	K.VVDLLAPYAK.G	0.83	R&L (1D-GIST)
gij38048209	FBgn0010217	705.39	1408.76	1408.76	0.01	0	70	5.40E-06	1	R.IINVIGEPIDER.G	0.84	R&L (1D-GIST)
gij34420414	FBgn0010217	956.48	1910.94	1910.93	0.01	0	68	8.80E-06	1	R.IMDPNIIGQEHYNVAR.G	0.65	R&L (1D-GIST)
gij38048209	FBgn0010217	860.48	1718.95	1718.93	0.02	0	88	5.60E-08	1	R.LVLEVAQHLGENTVR.T	0.76	R&L (1D-GIST)
gij38048209	FBgn0010217	652.83	1303.65	1303.64	0.01	0	77	1.30E-06	1	R.TIAMDGTEGLVR.G	0.87	R&L (1D-GIST)
gij34420414	FBgn0010217	741.41	1480.81	1480.79	0.01	0	63	2.20E-05	1	R.VALTGLTVAEYFR.D	1.11	R&L (1D-GIST)
gij24658560	FBgn0011211	740.94	1479.86	1479.85	0.01	0	42	0.0013	1	K.GIRPAINVGLSVSR.V	0.71	F&L (1D-GIST)
gij24658560	FBgn0011211	692.89	1383.77	1383.76	0.01	0	75	1.90E-06	1	K.TALAITIINQK.R	0.83	F&L (1D-GIST)

gij24658560	FBgn0011211	651.84	1301.66	1301.65	0.02	0	50	0.00071	1	R.SAEISNILEER.I	0.71	F&L (1D-GIST)
gij24658560	FBgn0011211	826.95	1651.9	1651.88	0.02	0	50	0.00057	1	R.TGAIVDVPVGDDELLGR.V	0.85	F&L (1D-GIST)
gij24658560	FBgn0011211	521.8	1041.59	1041.58	0.01	0	57	0.00014	1	R.VLSIGDGIAR.V	0.66	F&L (1D-GIST)
gij24658560	FBgn0011211	628.34	1254.66	1254.65	0.01	0	86	1.60E-07	1	R.VVDALGNAIDGK.G	0.73	F&L (1D-GIST)
gij24658560	FBgn0011211	803.08	2406.21	2406.18	0.03	0	62	4.00E-05	1	R.EVAFAQFGSDDLDAATQQLLR.G	1.25	F&L (1D-GIST)
gij24658560	FBgn0011211	687.37	1372.72	1372.71	0.01	0	33	0.041	1	K.TSEQALLDTIAK.D	0.60	R&L (1D-GIST)
gij24658560	FBgn0011211	740.94	1479.86	1479.85	0.01	0	34	0.0096	1	K.GIRPAINVGLSVSR.V	0.83	R&L (1D-GIST)
gij24658560	FBgn0011211	692.89	1383.78	1383.76	0.01	0	72	3.90E-06	1	K.TALAITIINQK.R	0.76	R&L (1D-GIST)
gij24658560	FBgn0011211	803.07	2406.2	2406.18	0.02	0	59	8.90E-05	1	R.EVAFAQFGSDDLDAATQQLLR.G	0.98	R&L (1D-GIST)
gij24658560	FBgn0011211	651.84	1301.66	1301.65	0.01	0	58	0.00011	1	R.SAEISNILEER.I	0.83	R&L (1D-GIST)
gij24658560	FBgn0011211	826.96	1651.9	1651.88	0.02	0	39	0.0078	1	R.TGAIVDVPVGDDELLGR.V	0.75	R&L (1D-GIST)
gij24658560	FBgn0011211	628.34	1254.66	1254.65	0.01	0	109	8.60E-10	1	R.VVDALGNAIDGK.G	0.77	R&L (1D-GIST)
gij28573630	FBgn0011643	1055.48	2108.95	2108.93	0.02	0	102	1.50E-09	1	K.GYGFGGGAGCLSTDTGAHLNR.E	1.12	F&L (1D-GIST)
gij28573630	FBgn0011643	1120.01	2238	2237.98	0.02	1	90	1.90E-08	1	K.GYGFGGGAGCLSTDTGAHLNR.E-	0.94	F&L (1D-GIST)
gij28573630	FBgn0011643	1055.48	2108.95	2108.93	0.02	0	93	1.20E-08	1	K.GYGFGGGAGCLSTDTGAHLNR.E	0.77	R&L (1D-GIST)
gij28573630	FBgn0011643	1120	2237.99	2237.98	0.01	1	80	1.50E-07	1	K.GYGFGGGAGCLSTDTGAHLNR.E-	0.74	R&L (1D-GIST)
gij28573630	FBgn0011643	703.99	2108.94	2108.93	0.01	0	81	1.80E-07	1	K.GYGFGGGAGCLSTDTGAHLNR.E	1.02	R&L (1D-GIST)
gij28573630	FBgn0011643	747	2237.98	2237.98	0.01	1	67	2.80E-06	1	K.GYGFGGGAGCLSTDTGAHLNR.E-	0.95	R&L (1D-GIST)
gij3851652	FBgn0011693	1191.03	2380.04	2380.04	0	0	30	0.016	1	K.FVTVCPGATMTDMFTNFTEK.I	0.50	F&L (1D-GIST)
gij3851652	FBgn0011693	756.87	1511.73	1511.71	0.02	0	37	0.0079	1	K.IIFPETSDETYR.I	0.37	F&L (1D-GIST)
gij3851652	FBgn0011693	1191.03	2380.05	2380.04	0.01	0	58	3.30E-05	1	K.FVTVCPGATMTDMFTNFTEK.I	0.67	R&L (1D-GIST)
gij17136986	FBgn0011726	776.87	1551.73	1551.71	0.02	0	41	0.0029	1	K.LFLMSWCPDTAK.V	0.52	F&L (1D-GIST)
gij17136986	FBgn0011726	699.86	1397.7	1397.69	0.01	0	33	0.027	1	K.YIQATDLSEASR.E	1.00	R&H (1D-GIST)
gij38048613	FBgn0011726	776.87	1551.73	1551.71	0.02	0	45	0.0012	1	K.LFLMSWCPDTAK.V	1.00	R&L (1D-GIST)
gij929571	FBgn0013334	742.91	1483.81	1483.79	0.02	1	46	0.0017	1	K.IKEEILGLSQDR.R	0.58	F&L (1D-GIST)
gij929571	FBgn0013334	820.96	1639.91	1639.89	0.02	2	28	0.062	1	K.IKEEILGLSQDRR.N	0.96	F&L (1D-GIST)
gij929571	FBgn0013334	742.91	1483.8	1483.79	0.02	1	41	0.0049	1	K.IKEEILGLSQDR.R	0.99	R&L (1D-GIST)
gij929571	FBgn0013334	820.96	1639.91	1639.89	0.02	2	28	0.072	1	K.IKEEILGLSQDRR.N	0.95	R&L (1D-GIST)
gij2119083	FBgn0014027	910.01	1818.01	1817.98	0.02	0	66	7.40E-06	1	K.LVLTALCNEHQIPLIR.V	1.09	F&L (1D-GIST)
gij2119083	FBgn0014027	901.97	1801.93	1801.91	0.02	0	50	0.00076	1	K.SLIADGLVHGHIQACK.A	0.76	F&L (1D-GIST)
gij2119083	FBgn0014027	910.01	1818	1817.98	0.02	0	67	7.80E-06	1	K.LVLTALCNEHQIPLIR.V	0.84	R&L (1D-GIST)
gij2119083	FBgn0014027	901.98	1801.94	1801.91	0.02	0	48	0.0011	1	K.SLIADGLVHGHIQACK.A	0.97	R&L (1D-GIST)
gij7460239	FBgn0015390	1283.08	2564.14	2564.16	-0.03	0	38	0.0019	1	K.ATEHVSEHVTTTGESSTETSQEK.S	0.89	F&H (1D-GIST)
gij7460239	FBgn0015390	853.72	2558.13	2558.13	0.01	0	57	2.60E-05	1	K.ATEHVSEHVTTTGESSTETSQEK.S	0.60	F&L (1D-GIST)
gij7460239	FBgn0015390	684.69	2051.06	2051.04	0.03	1	42	0.0044	1	K.EASRPASVAESIKDEAEK.S	0.52	R&H (1D-GIST)
gij7460239	FBgn0015390	547.78	1093.55	1093.55	0	0	34	0.019	1	R.ALEEHVQAR.G	1.07	R&L (1D-GIST)
gij7460239	FBgn0015390	853.72	2558.13	2558.13	0	0	36	0.0029	1	K.ATEHVSEHVTTTGESSTETSQEK.S	0.76	R&L (1D-GIST)
gij7460239	FBgn0015390	1022.01	2042	2041.98	0.02	1	82	4.70E-07	1	K.EASRPASVAESIKDEAEK.S	0.78	R&L (1D-GIST)
gij7511958	FBgn0016724	584.85	1167.68	1167.67	0.01	0	46	0.00099	1	R.ILDIYNSLK.E	1.29	F&H (1D-GIST)

gij7511958	FBgn0016724	919.53	1837.04	1837.02	0.02	0	29	0.031	1	K.EKPIIISSIAELLGDR.K	1.42	F&L (1D-GIST)
gij7511958	FBgn0016724	883.46	1764.91	1764.9	0.02	0	102	3.80E-09	1	K.MLNQITSSLADTLFK.T	1.11	F&L (1D-GIST)
gij7511958	FBgn0016724	1022.1	2042.18	2042.16	0.02	0	28	0.052	1	K.AIGEIVKPINDAAQEVIK.I	0.91	R&H (1D-GIST)
gij7511958	FBgn0016724	665.33	1328.64	1328.64	0	0	32	0.03	1	K.GIHTQEAFSQK.W	0.90	R&L (1D-GIST)
gij7511958	FBgn0016724	731.86	1461.72	1461.71	0.01	1	59	7.90E-05	1	K.RQDFIDGTAEVK.L	1.16	R&L (1D-GIST)
gij7511958	FBgn0016724	1105.19	3312.56	3312.56	0	0	46	0.00066	1	R.AVVSLQSGIEAEHEVDVFGMCPHTSTSK.V	1.01	R&L (1D-GIST)
gij7511958	FBgn0016724	597.84	1193.66	1193.64	0.01	1	57	8.20E-05	1	R.KVYLDGLFR.T	1.51	R&L (1D-GIST)
gij7511958	FBgn0016724	919.53	1837.04	1837.02	0.02	0	101	1.90E-09	1	K.EKPIIISSIAELLGDR.K	0.91	R&L (1D-GIST)
gij7511958	FBgn0016724	883.46	1764.91	1764.9	0.01	0	98	8.80E-09	1	K.MLNQITSSLADTLFK.T	0.99	R&L (1D-GIST)
gij7511958	FBgn0016724	581.82	1161.63	1161.63	0.01	0	57	0.00014	1	R.ILDIYNSLK.E	0.82	R&L (1D-GIST)
gij2058301	FBgn0020235	620.32	1238.62	1238.62	0	0	58	6.60E-05	1	R.GLCGAVHTGVAR.L	0.77	F&L (1D-GIST)
gij24651129	FBgn0020235	630.85	1259.68	1259.67	0.01	0	40	0.0078	1	K.NILMVANEVGR.L	0.77	R&H (1D-GIST)
gij24651129	FBgn0020235	620.32	1238.62	1238.62	0	0	56	0.00011	1	R.GLCGAVHTGVAR.L	0.81	R&L (1D-GIST)
gij24647885	FBgn0020238	754.9	1507.79	1507.77	0.02	0	48	0.001	1	R.DICSDILNVLEK.H	0.73	F&H (1D-GIST)
gij24647885	FBgn0020238	1086.51	2171	2170.98	0.02	0	66	8.60E-06	1	K.AAFDDAIAELDTLSEESYK.D	0.89	F&L (1D-GIST)
gij24647885	FBgn0020238	930.97	1859.93	1859.92	0.01	0	82	4.60E-07	1	K.AASDIAMNDLPPTHPIR.L	0.91	F&L (1D-GIST)
gij24647885	FBgn0020238	721.36	1440.71	1440.69	0.02	1	65	1.60E-05	1	R.YLAEFATGSDRK.D	0.95	F&L (1D-GIST)
gij24647885	FBgn0020238	724.37	1446.73	1446.73	0.01	1	44	0.0025	1	R.YLAEFATGSDRK.D	0.87	R&H (1D-GIST)
gij24647885	FBgn0020238	1086.51	2171.01	2170.98	0.03	0	101	2.60E-09	1	K.AAFDDAIAELDTLSEESYK.D	0.97	R&L (1D-GIST)
gij24647885	FBgn0020238	751.88	1501.75	1501.73	0.02	0	47	0.0012	1	R.DICSDILNVLEK.H	1.12	R&L (1D-GIST)
gij3337433	FBgn0024923	766.91	1531.8	1531.8	0.01	0	67	1.30E-05	1	R.IVSQLLTLMGDMK.K	0.93	F&L (1D-GIST)
gij3337433	FBgn0024923	852.43	1702.84	1702.83	0.01	0	29	0.082	1	R.VINQILTEMDGMGAK.K	0.76	F&L (1D-GIST)
gij3337433	FBgn0024923	766.91	1531.81	1531.8	0.01	0	83	3.20E-07	1	R.IVSQLLTLMGDMK.K	0.75	R&L (1D-GIST)
gij24644504	FBgn0026077	1094.95	2187.89	2187.9	-0.02	0	38	0.00027	1	K.YLTENCYDLHNVDCGDR.T	1.11	F&H (1D-GIST)
gij24644504	FBgn0026077	732.41	1462.81	1462.79	0.02	1	79	8.40E-07	1	R.KSELLAGLNSEGR.T	1.03	F&H (1D-GIST)
gij24644504	FBgn0026077	729.39	1456.77	1456.75	0.01	1	91	6.20E-08	1	R.KSELLAGLNSEGR.T	1.01	R&L (1D-GIST)
gij4753683	FBgn0026418	693.7	2078.09	2078.08	0.01	1	31	0.06	1	R.KFNDPHVQHELTSIPAR.V	0.89	F&H (1D-GIST)
gij4753683	FBgn0026418	790.47	1578.93	1578.91	0.02	0	42	0.001	1	K.ALLDAAQIAGLNVLR.L	0.97	F&L (1D-GIST)
gij4753683	FBgn0026418	790.47	1578.92	1578.91	0.01	0	39	0.0024	1	K.ALLDAAQIAGLNVLR.L	0.77	R&L (1D-GIST)
gij18858089	FBgn0028342	783.95	1565.88	1565.87	0.02	0	75	1.10E-06	1	K.AQAAIAVEVAELVK.A	0.93	R&L (1D-GIST)
gij18858089	FBgn0028342	775.78	2324.31	2324.27	0.03	0	51	0.00015	1	K.HVPTLAVLKPQVQVVENDEGK.T	0.73	R&L (1D-GIST)
gij24583079	FBgn0028479	639.86	1277.72	1277.71	0.01	0	30	0.053	1	R.ILSTMLSEAIR.L	0.70	F&H (1D-GIST)
gij24583079	FBgn0028479	941.05	1880.08	1880.06	0.02	0	52	0.00013	1	K.LGLPEVMLGLLPGGGTVR.L	0.94	R&H (1D-GIST)
gij24583079	FBgn0028479	639.87	1277.72	1277.71	0.01	0	30	0.058	1	R.ILSTMLSEAIR.L	0.89	R&H (1D-GIST)
gij24583531	FBgn0032299	1061.9	3182.69	3182.66	0.03	0	53	0.00015	1	R.INLFEILGDQVPSEVINNLQSQVDQIGR.N	1.33	F&H (1D-GIST)
gij24583531	FBgn0032299	1099.92	3296.73	3296.71	0.02	1	36	0.015	1	R.INLFEILGDQVPSEVINNLQSQVDQIGR.N	1.87	F&H (1D-GIST)
gij24583531	FBgn0032299	1061.9	3182.69	3182.66	0.02	0	35	0.01	1	R.INLFEILGDQVPSEVINNLQSQVDQIGR.N	0.96	R&H (1D-GIST)
gij19921806	FBgn0033268	673.39	1344.77	1344.75	0.01	0	57	0.00011	1	K.VENLVAQLGQGK.E	0.83	F&H (1D-GIST)
gij19921806	FBgn0033268	881.99	1761.97	1761.95	0.02	1	93	2.40E-08	1	K.VENLVAQLGQGKEDK.A	0.74	F&H (1D-GIST)

gij19921806	FBgn0033268	632.87	1263.73	1263.72	0.01	0	31	0.022	1	K.NLPLVQAAVQK.N	0.84	F&L (1D-GIST)
gij19921806	FBgn0033268	632.87	1263.73	1263.72	0.01	0	63	1.20E-05	1	K.NLPLVQAAVQK.N	1.06	R&L (1D-GIST)
gij19921806	FBgn0033268	670.37	1338.73	1338.71	0.01	0	49	0.00075	1	K.VENLVAQLGQGK.E	0.90	R&L (1D-GIST)
gij19921806	FBgn0033268	877.46	1752.91	1752.89	0.02	1	85	1.80E-07	1	K.VENLVAQLGQGKEDK.A	0.88	R&L (1D-GIST)
gij21357213	FBgn0036619	962	1921.99	1921.97	0.01	1	30	0.057	1	K.GKAPLPVTDTEEVQQR.L	1.49	F&L (1D-GIST)
gij21357213	FBgn0036619	496.79	991.56	991.56	0	0	38	0.007	1	R.LNHLNALR.E	0.88	F&L (1D-GIST)
gij21357213	FBgn0036619	849.95	1697.88	1697.87	0.02	0	32	0.043	1	K.APLPVTDTTEEVQQR.L	1.12	R&H (1D-GIST)
gij21357213	FBgn0036619	496.79	991.56	991.56	0	0	44	0.0019	1	R.LNHLNALR.E	1.12	R&L (1D-GIST)
gij24665395	FBgn0036642	814.95	1627.9	1627.88	0.01	0	29	0.065	1	K.EALAFaILEQALGAK.A	0.49	F&L (1D-GIST)
gij24665395	FBgn0036642	767.9	1533.8	1533.79	0.01	0	62	4.20E-05	1	R.AVVAVAGQGAAASNHK.E	0.47	F&L (1D-GIST)
gij24665395	FBgn0036642	822.91	1643.8	1643.79	0.01	0	87	1.10E-07	1	R.NESYDIQGASHLLR.L	0.71	F&L (1D-GIST)
gij24665395	FBgn0036642	949.03	1896.04	1896.02	0.03	0	29	0.058	1	K.LAVGAIGHLANVPYASDLA.-	0.67	R&H (1D-GIST)
gij24665395	FBgn0036642	767.9	1533.79	1533.79	0	0	65	2.10E-05	1	R.AVVAVAGQGAAASNHK.E	1.00	R&L (1D-GIST)
gij24665395	FBgn0036642	822.91	1643.8	1643.79	0.01	0	77	1.20E-06	1	R.NESYDIQGASHLLR.L	0.65	R&L (1D-GIST)
gij21357643	FBgn0037146	927	1851.98	1851.97	0.01	0	92	4.30E-08	1	K.EALATVGAEHAVSLVSTR.E	1.47	F&L (1D-GIST)
gij21357643	FBgn0037146	926.97	1851.93	1851.91	0.01	0	82	3.50E-07	1	R.LASIVEQVAECHLEGR.E	1.17	R&L (1D-GIST)
gij21357643	FBgn0037146	927	1851.99	1851.97	0.02	0	93	2.70E-08	1	K.EALATVGAEHAVSLVSTR.E	0.76	R&L (1D-GIST)
gij24647881	FBgn0038587	791.92	1581.83	1581.82	0.01	0	49	0.00078	1	K.TAGFIGADQLGDSLK.G	0.68	F&H (1D-GIST)
gij24647881	FBgn0038587	625.87	1249.73	1249.71	0.02	0	36	0.012	1	R.LFGVSTLDVVR.A	0.82	F&H (1D-GIST)
gij24647881	FBgn0038587	1371.11	4110.32	4110.28	0.04	0	31	0.0028	1	R.AFIGHALGVDPQTVQIPVIGGSHGVTLPVLSQSQPLFK.G	1.34	F&H (1D-GIST)
gij24647881	FBgn0038587	590.85	1179.68	1179.68	0.01	0	37	0.0051	1	K.LLEAAIPELK.K	0.42	F&L (1D-GIST)
gij24647881	FBgn0038587	680.43	1358.85	1358.84	0.01	1	39	0.0016	1	K.KLEAAIPELK.K	0.86	R&H (1D-GIST)
gij24647881	FBgn0038587	625.86	1249.7	1249.71	-0.01	0	47	0.0013	1	R.LFGVSTLDVVR.A	1.06	R&H (1D-GIST)
gij24647881	FBgn0038587	590.85	1179.68	1179.68	0.01	0	34	0.011	1	K.LLEAAIPELK.K	0.74	R&L (1D-GIST)
gij24647881	FBgn0038587	788.9	1575.79	1575.78	0.02	0	83	3.10E-07	1	K.TAGFIGADQLGDSLK.G	1.09	R&L (1D-GIST)
gij45553457	FBgn0038947	792.42	2374.22	2374.21	0.01	0	40	0.0063	1	K.LAQHVPTLHPTSEELSIGNMR.F	0.73	R&H (1D-GIST)
gij7271164	FBgn0038947	622.85	1243.69	1243.68	0.01	0	36	0.019	1	K.LLFLGLDNAGK.T	0.95	R&L (1D-GIST)
gij24651102	FBgn0039685	615.83	1229.65	1229.64	0.01	0	38	0.009	1	K.VHASEELVEK.Y	0.86	F&H (1D-GIST)
gij24651102	FBgn0039685	595.78	1189.54	1189.54	0	0	35	0.0083	1	K.THEDLTNYR.T	0.82	F&L (1D-GIST)
gij24651102	FBgn0039685	802.75	2405.22	2405.2	0.03	0	67	1.60E-05	1	K.IHIQLAGPGVEVHESDEVHQK.I	1.10	F&L (1D-GIST)
gij24651102	FBgn0039685	595.78	1189.54	1189.54	0	0	31	0.022	1	K.THEDLTNYR.T	1.22	R&L (1D-GIST)
gij24651102	FBgn0039685	612.81	1223.61	1223.6	0	0	39	0.0065	1	K.VHASEELVEK.Y	0.88	R&L (1D-GIST)
gij24651183	FBgn0039713	861.46	1720.9	1720.88	0.02	0	56	0.00017	1	R.IADVYNASNNELVR.T	0.79	R&H (1D-GIST)
gij24651183	FBgn0039713	761.37	1520.72	1520.71	0.01	0	32	0.027	1	K.VEQALEDQFTSGR.I	0.78	R&L (1D-GIST)
gij17648125	FBgn0040064	825.91	1649.81	1649.8	0.01	0	52	0.00037	1	K.EVDFVVEHPRPK.T	1.01	F&L (1D-GIST)
gij17648125	FBgn0040064	881.45	1760.88	1760.87	0.02	0	48	0.0014	1	K.LPMALTAENLADQYK.I	0.94	R&L (1D-GIST)
gij17648125	FBgn0040064	1064.58	2127.14	2127.13	0.02	0	86	1.30E-07	1	R.HVGLNCGVPIEKPALGINR.L	1.53	R&L (1D-GIST)
gij17648125	FBgn0040064	825.91	1649.81	1649.8	0.01	0	61	5.10E-05	1	K.EVDFVVEHPRPK.T	1.06	R&L (1D-GIST)
gij24661073	FBgn0052029	628.85	1255.69	1255.68	0.01	1	62	5.30E-05	1	R.IKDTVAEQIR.A	0.73	F&L (1D-GIST)

gij24661073	FBgn0052029	937.8	2810.37	2810.35	0.02	0	44	0.002	1	R.DYQQYQPQQAAYRPPAQAAPQPPR.R	1.19	F&L (1D-GIST)
gij24661073	FBgn0052029	628.85	1255.68	1255.68	0.01	1	38	0.014	1	R.IKDTVAEQIR.A	0.83	R&L (1D-GIST)
gij25013110	FBgn0064779	493.29	984.57	984.56	0.01	0	44	0.0037	1	K.ELGVGLVTR.K	0.86	R&L (1D-GIST)
gij25013110	FBgn0064779	761.36	1520.71	1520.7	0.01	0	34	0.015	1	K.LGVEFDEETLDGR.N	0.96	R&L (1D-GIST)
gij7287844	FBgn0000055	604.34	1206.66	1206.66	0	0	47	0.00026	1	AAVVNFTSSLAK	3.42E+07	parkin null-Rep II
gij7287844	FBgn0000055	604.34	1206.66	1206.66	0	0	48	0.00023	1	AAVVNFTSSLAK	3.79E+07	control-Rep II
gij7287844	FBgn0000055	604.34	1206.66	1206.66	0	0	40	0.0014	1	AAVVNFTSSLAK	4.12E+07	parkin null-Rep I
gij7287844	FBgn0000055	604.34	1206.66	1206.66	0	0	38	0.0022	1	AAVVNFTSSLAK	6.08E+07	control-Rep I
gij7287844	FBgn0000055	678.87	1355.72	1355.72	0	0	43	0.00065	1	AIELNQNGAIWK	1.25E+07	parkin null-Rep II
gij7287844	FBgn0000055	678.86	1355.71	1355.72	-0.01	0	48	0.00027	1	AIELNQNGAIWK	1.51E+07	parkin null-Rep I
gij7287844	FBgn0000055	678.87	1355.73	1355.72	0.01	0	34	0.0068	1	AIELNQNGAIWK	1.53E+07	control-Rep II
gij7287844	FBgn0000055	678.87	1355.72	1355.72	0	0	42	0.001	1	AIELNQNGAIWK	1.83E+07	control-Rep I
gij7287844	FBgn0000055	1018.86	3053.56	3053.56	-0.01	1	42	0.00052	1	KGGPGGHCNIGSVTFGNAIQVPVYSGTK	1.85E+06	parkin null-Rep II
gij7287844	FBgn0000055	1018.85	3053.53	3053.56	-0.04	1	40	0.00088	1	KGGPGGHCNIGSVTFGNAIQVPVYSGTK	2.63E+06	control-Rep II
gij7287844	FBgn0000055	744.42	1486.82	1486.8	0.02	0	51	9.90E-05	1	LDLGTLEAIQWTK	7.62E+06	control-Rep II
gij7287844	FBgn0000055	744.41	1486.81	1486.8	0	0	73	8.10E-07	1	LDLGTLEAIQWTK	9.06E+06	parkin null-Rep II
gij7287844	FBgn0000055	744.41	1486.81	1486.8	0.01	0	48	0.00026	1	LDLGTLEAIQWTK	1.04E+07	parkin null-Rep I
gij7287844	FBgn0000055	666.02	1995.03	1995.02	0	0	38	0.0017	1	LLAHTQPSLACAENFVK	2.99E+08	parkin null-Rep II
gij7287844	FBgn0000055	666.02	1995.03	1995.02	0	0	42	0.00073	1	LLAHTQPSLACAENFVK	3.02E+08	parkin null-Rep I
gij7287844	FBgn0000055	666.02	1995.03	1995.02	0	0	43	0.00055	1	LLAHTQPSLACAENFVK	3.30E+08	control-Rep II
gij7287844	FBgn0000055	666.02	1995.03	1995.02	0	0	48	0.00021	1	LLAHTQPSLACAENFVK	3.71E+08	control-Rep I
gij7287844	FBgn0000055	871.47	2611.39	2611.36	0.03	1	38	0.0018	1	TIAVNYTGLVNTTTAILDFWDKR	7.84E+06	parkin null-Rep II
gij7287844	FBgn0000055	871.47	2611.38	2611.36	0.01	1	30	0.014	1	TIAVNYTGLVNTTTAILDFWDKR	8.07E+06	control-Rep II
gij7287844	FBgn0000055	871.47	2611.39	2611.36	0.02	1	35	0.0095	1	TIAVNYTGLVNTTTAILDFWDKR	9.21E+06	parkin null-Rep I
gij7287844	FBgn0000055	871.47	2611.4	2611.36	0.03	1	42	0.00072	1	TIAVNYTGLVNTTTAILDFWDKR	1.23E+07	control-Rep I
gij7287844	FBgn0000055	772.06	2313.16	2313.16	-0.01	0	44	0.00052	1	TTLVHTFNSWLDVEPQVAEK	2.13E+07	parkin null-Rep I
gij7287844	FBgn0000055	772.07	2313.18	2313.16	0.01	0	55	4.20E-05	1	TTLVHTFNSWLDVEPQVAEK	2.17E+07	control-Rep II
gij7287844	FBgn0000055	772.06	2313.17	2313.16	0	0	56	3.90E-05	1	TTLVHTFNSWLDVEPQVAEK	2.43E+07	parkin null-Rep II
gij7287844	FBgn0000055	772.06	2313.17	2313.16	0	0	65	4.30E-06	1	TTLVHTFNSWLDVEPQVAEK	2.84E+07	control-Rep I
gij7287844	FBgn0000055	693.37	2077.07	2077.08	-0.01	0	41	0.0011	1	TVDVLINGAGILDDHQIER	9.44E+06	control-Rep I
gij7287844	FBgn0000055	693.37	2077.09	2077.08	0.01	0	32	0.007	1	TVDVLINGAGILDDHQIER	1.12E+07	parkin null-Rep I
gij7287844	FBgn0000055	693.37	2077.09	2077.08	0.01	0	45	0.0004	1	TVDVLINGAGILDDHQIER	1.12E+07	parkin null-Rep II
gij7287844	FBgn0000055	693.37	2077.09	2077.08	0.01	0	34	0.0043	1	TVDVLINGAGILDDHQIER	1.19E+07	control-Rep II
gij7287844	FBgn0000055	1072.57	2143.13	2143.11	0.02	0	67	2.60E-06	1	VTVTFYPYDVTVPPIAETTK	2.23E+07	parkin null-Rep II
gij7287844	FBgn0000055	1072.57	2143.12	2143.11	0.02	0	61	1.10E-05	1	VTVTFYPYDVTVPPIAETTK	2.39E+07	control-Rep II
gij7287844	FBgn0000055	1072.57	2143.13	2143.11	0.02	0	63	6.00E-06	1	VTVTFYPYDVTVPPIAETTK	2.51E+07	parkin null-Rep I
gij7287844	FBgn0000055	1072.57	2143.12	2143.11	0.01	0	76	3.50E-07	1	VTVTFYPYDVTVPPIAETTK	2.95E+07	control-Rep I
gij217318	FBgn0000064	638.82	1275.63	1275.63	-0.01	0	57	3.30E-05	1	ADDGTPFAEILK	1.62E+07	control-Rep II
gij217318	FBgn0000064	638.83	1275.64	1275.63	0	0	42	0.001	1	ADDGTPFAEILK	1.67E+07	parkin null-Rep II

gij217318	FBgn0000064	638.82	1275.63	1275.63	-0.01	0	42	0.00091	1	ADDGTPFAEILK	1.72E+07	parkin null-Rep I
gij217318	FBgn0000064	638.83	1275.64	1275.63	0	0	45	0.00044	1	ADDGTPFAEILK	1.92E+07	control-Rep I
gij217318	FBgn0000064	1195.11	2388.2	2388.18	0.02	0	91	9.60E-09	1	GVVPLFGSEDEVTTQGLDDLAAR	2.87E+07	control-Rep II
gij217318	FBgn0000064	1195.1	2388.18	2388.18	0	0	72	7.50E-07	1	GVVPLFGSEDEVTTQGLDDLAAR	3.43E+07	control-Rep I
gij217318	FBgn0000064	1195.11	2388.2	2388.18	0.02	0	79	1.60E-07	1	GVVPLFGSEDEVTTQGLDDLAAR	3.44E+07	parkin null-Rep II
gij217318	FBgn0000064	1195.11	2388.21	2388.18	0.03	0	77	2.50E-07	1	GVVPLFGSEDEVTTQGLDDLAAR	4.09E+07	parkin null-Rep I
gij217318	FBgn0000064	1064.56	2127.11	2127.08	0.02	0	65	3.70E-06	1	IVPIVEPEVLPDGDHDLDR	9.54E+07	control-Rep II
gij217318	FBgn0000064	710.04	2127.09	2127.08	0	0	31	0.0097	1	IVPIVEPEVLPDGDHDLDR	1.08E+08	control-Rep I
gij217318	FBgn0000064	710.04	2127.09	2127.08	0.01	0	29	0.017	1	IVPIVEPEVLPDGDHDLDR	1.10E+08	parkin null-Rep II
gij217318	FBgn0000064	710.04	2127.09	2127.08	0.01	0	25	0.038	1	IVPIVEPEVLPDGDHDLDR	1.12E+08	parkin null-Rep I
gij217318	FBgn0000064	751.85	1501.68	1501.7	-0.02	0	62	4.30E-06	1	LQDIGVENTEDNR	8.30E+05	parkin null-Rep II
gij217318	FBgn0000064	751.86	1501.71	1501.7	0	0	53	4.50E-05	1	LQDIGVENTEDNR	1.16E+06	parkin null-Rep I
gij217318	FBgn0000064	751.85	1501.69	1501.7	-0.01	0	58	1.10E-05	1	LQDIGVENTEDNR	1.48E+06	control-Rep II
gij217318	FBgn0000064	813.45	1624.88	1624.88	0	0	77	3.20E-07	1	NTPEEIALATVQALR	3.34E+07	parkin null-Rep I
gij217318	FBgn0000064	813.45	1624.89	1624.88	0.01	0	78	2.20E-07	1	NTPEEIALATVQALR	3.72E+07	control-Rep II
gij217318	FBgn0000064	813.45	1624.89	1624.88	0.01	0	71	1.20E-06	1	NTPEEIALATVQALR	3.91E+07	control-Rep I
gij217318	FBgn0000064	813.45	1624.88	1624.88	0	0	77	3.20E-07	1	NTPEEIALATVQALR	4.48E+07	parkin null-Rep II
gij217318	FBgn0000064	945.49	1888.97	1888.96	0.01	0	69	1.40E-06	1	NTPSYQSILENANVLR	3.86E+07	control-Rep II
gij217318	FBgn0000064	945.49	1888.97	1888.96	0.01	0	71	1.00E-06	1	NTPSYQSILENANVLR	4.21E+07	parkin null-Rep II
gij217318	FBgn0000064	945.49	1888.96	1888.96	0	0	70	1.20E-06	1	NTPSYQSILENANVLR	4.55E+07	control-Rep I
gij217318	FBgn0000064	945.5	1888.98	1888.96	0.01	0	80	1.30E-07	1	NTPSYQSILENANVLR	5.41E+07	parkin null-Rep I
gij217318	FBgn0000064	597.34	1192.67	1192.67	0	0	59	1.30E-05	1	VTETVLAADVYK	1.84E+07	control-Rep II
gij217318	FBgn0000064	597.34	1192.66	1192.67	-0.01	0	58	1.70E-05	1	VTETVLAADVYK	2.05E+07	parkin null-Rep II
gij217318	FBgn0000064	597.34	1192.66	1192.67	-0.01	0	49	0.00016	1	VTETVLAADVYK	2.14E+07	parkin null-Rep I
gij217318	FBgn0000064	597.34	1192.67	1192.67	0	0	41	0.0017	1	VTETVLAADVYK	2.61E+07	control-Rep I
gij217318	FBgn0000064	949.96	1897.91	1897.9	0.02	0	109	1.70E-10	1	YVAGSAGAGSGSLFVANHAY	3.85E+06	control-Rep II
gij217318	FBgn0000064	949.96	1897.91	1897.9	0.01	0	89	1.80E-08	1	YVAGSAGAGSGSLFVANHAY	4.80E+06	control-Rep I
gij217318	FBgn0000064	949.96	1897.9	1897.9	0.01	0	85	3.90E-08	1	YVAGSAGAGSGSLFVANHAY	7.21E+06	parkin null-Rep II
gij113987	FBgn0000100	810.41	1618.81	1618.8	0.01	0	98	2.30E-09	1	FAAAASASAAPAAGGATEK	4.75E+06	parkin null-Rep II
gij113987	FBgn0000100	810.41	1618.8	1618.8	0	0	95	5.30E-09	1	FAAAASASAAPAAGGATEK	6.26E+06	parkin null-Rep I
gij113987	FBgn0000100	810.4	1618.79	1618.8	0	0	77	3.30E-07	1	FAAAASASAAPAAGGATEK	7.79E+06	control-Rep I
gij113987	FBgn0000100	810.41	1618.8	1618.8	0.01	0	87	3.40E-08	1	FAAAASASAAPAAGGATEK	8.53E+06	control-Rep II
gij113987	FBgn0000100	608.02	1821.02	1821.02	0	0	39	0.00074	1	GTIEIINDVPILKPGDK	8.82E+06	parkin null-Rep II
gij113987	FBgn0000100	608.02	1821.03	1821.02	0.01	0	53	2.30E-05	1	GTIEIINDVPILKPGDK	9.03E+06	parkin null-Rep I
gij113987	FBgn0000100	911.52	1821.03	1821.02	0	0	46	0.0002	1	GTIEIINDVPILKPGDK	9.63E+06	control-Rep II
gij113987	FBgn0000100	608.02	1821.03	1821.02	0.01	0	35	0.0014	1	GTIEIINDVPILKPGDK	1.14E+07	control-Rep I
gij113987	FBgn0000100	611.82	1221.63	1221.63	0.01	0	49	0.00017	1	VVELFDEFPPK	1.28E+07	parkin null-Rep I
gij113987	FBgn0000100	611.82	1221.63	1221.63	0	0	51	0.00011	1	VVELFDEFPPK	1.36E+07	control-Rep II
gij113987	FBgn0000100	611.82	1221.63	1221.63	0	0	55	5.50E-05	1	VVELFDEFPPK	1.45E+07	control-Rep I

gij113987	FBgn0000100	611.82	1221.63	1221.63	0	0	53	6.80E-05	1	VVELFDEFK	1.63E+07	parkin null-Rep II
gij24661348	FBgn0000116	567.97	1700.89	1700.89	0	0	27	0.034	1	AVQQQLIDHFLFK	1.31E+08	control-Rep II
gij24661348	FBgn0000116	567.97	1700.89	1700.89	0	0	36	0.0043	1	AVQQQLIDHFLFK	1.40E+08	parkin null-Rep II
gij24661348	FBgn0000116	567.97	1700.89	1700.89	0	0	32	0.012	1	AVQQQLIDHFLFK	1.46E+08	parkin null-Rep I
gij24661348	FBgn0000116	567.97	1700.89	1700.89	0	0	34	0.0068	1	AVQQQLIDHFLFK	1.57E+08	control-Rep I
gij24661348	FBgn0000116	656.33	1310.64	1310.64	0	0	41	0.00088	1	EMYDGITELIK	7.93E+07	parkin null-Rep II
gij24661348	FBgn0000116	656.33	1310.65	1310.64	0.01	0	40	0.001	1	EMYDGITELIK	8.64E+07	parkin null-Rep I
gij24661348	FBgn0000116	656.34	1310.66	1310.64	0.01	0	39	0.0015	1	EMYDGITELIK	9.06E+07	control-Rep II
gij24661348	FBgn0000116	656.33	1310.65	1310.64	0	0	34	0.0044	1	EMYDGITELIK	9.53E+07	control-Rep I
gij24661348	FBgn0000116	525.76	1049.51	1049.51	0	0	29	0.015	1	FLQAANACR	1.31E+05	parkin null-Rep II
gij24661348	FBgn0000116	525.76	1049.51	1049.51	0	0	27	0.023	1	FLQAANACR	3.92E+05	control-Rep I
gij24661348	FBgn0000116	569.26	1704.76	1704.76	0	0	67	9.50E-07	1	GEHTAEAGGVYDISNK	1.67E+07	parkin null-Rep II
gij24661348	FBgn0000116	569.26	1704.76	1704.76	0	0	41	0.00033	1	GEHTAEAGGVYDISNK	1.99E+07	parkin null-Rep I
gij24661348	FBgn0000116	569.26	1704.76	1704.76	0	0	42	0.00028	1	GEHTAEAGGVYDISNK	2.45E+07	control-Rep II
gij24661348	FBgn0000116	569.26	1704.76	1704.76	0	0	42	0.00031	1	GEHTAEAGGVYDISNK	2.47E+07	control-Rep I
gij24661348	FBgn0000116	621.29	1860.86	1860.86	0	1	32	0.0046	1	GEHTAEAGGVYDISNKR	8.90E+05	parkin null-Rep I
gij24661348	FBgn0000116	621.29	1860.85	1860.86	-0.01	1	34	0.0048	1	GEHTAEAGGVYDISNKR	9.54E+05	control-Rep I
gij24661348	FBgn0000116	1412.68	2823.35	2823.31	0.04	0	46	0.00028	1	HPASNFGDVSTFGNVDPNTNEYVISTR	3.31E+05	parkin null-Rep I
gij24661348	FBgn0000116	942.12	2823.33	2823.31	0.02	0	22	0.035	1	HPASNFGDVSTFGNVDPNTNEYVISTR	3.15E+06	control-Rep II
gij24661348	FBgn0000116	942.12	2823.34	2823.31	0.03	0	25	0.019	1	HPASNFGDVSTFGNVDPNTNEYVISTR	4.12E+06	control-Rep I
gij24661348	FBgn0000116	825.93	1649.84	1649.84	0	0	66	4.00E-06	1	IISMQQGGDLGQIYK	8.11E+07	parkin null-Rep I
gij24661348	FBgn0000116	825.93	1649.85	1649.84	0	0	64	5.40E-06	1	IISMQQGGDLGQIYK	9.27E+07	control-Rep I
gij24661348	FBgn0000116	825.93	1649.85	1649.84	0	0	67	3.20E-06	1	IISMQQGGDLGQIYK	9.28E+07	control-Rep II
gij24661348	FBgn0000116	825.93	1649.85	1649.84	0	0	66	3.40E-06	1	IISMQQGGDLGQIYK	9.58E+07	parkin null-Rep II
gij24661348	FBgn0000116	905.99	1809.97	1809.94	0.02	0	61	1.00E-05	1	LGFLTFCPTNLGTTIR	1.28E+08	control-Rep II
gij24661348	FBgn0000116	905.99	1809.96	1809.94	0.02	0	65	4.70E-06	1	LGFLTFCPTNLGTTIR	1.31E+08	parkin null-Rep II
gij24661348	FBgn0000116	905.98	1809.95	1809.94	0.01	0	60	1.10E-05	1	LGFLTFCPTNLGTTIR	1.49E+08	parkin null-Rep I
gij24661348	FBgn0000116	905.98	1809.95	1809.94	0	0	73	6.50E-07	1	LGFLTFCPTNLGTTIR	1.53E+08	control-Rep I
gij24661348	FBgn0000116	562.79	1123.57	1123.56	0.01	0	30	0.022	1	MGLTEFEAVK	1.09E+07	parkin null-Rep II
gij24661348	FBgn0000116	562.79	1123.56	1123.56	0.01	0	30	0.022	1	MGLTEFEAVK	1.34E+07	control-Rep II
gij24661348	FBgn0000116	562.79	1123.56	1123.56	0	0	27	0.046	1	MGLTEFEAVK	1.55E+07	parkin null-Rep I
gij24661348	FBgn0000116	806.41	2416.21	2416.19	0.02	1	48	0.0004	1	MGLTEFEAVKEMYDGITELIK	4.01E+06	control-Rep II
gij24661348	FBgn0000116	806.41	2416.22	2416.19	0.03	1	58	1.60E-05	1	MGLTEFEAVKEMYDGITELIK	4.18E+06	parkin null-Rep I
gij24661348	FBgn0000116	1017.46	2032.9	2032.9	0	0	61	2.70E-06	1	SMQGYFPNCLTEAQYK	5.58E+07	control-Rep II
gij24661348	FBgn0000116	1017.46	2032.91	2032.9	0.01	0	66	1.10E-06	1	SMQGYFPNCLTEAQYK	5.74E+07	parkin null-Rep II
gij24661348	FBgn0000116	1017.45	2032.89	2032.9	-0.01	0	61	2.90E-06	1	SMQGYFPNCLTEAQYK	5.77E+07	control-Rep I
gij24661348	FBgn0000116	1017.45	2032.89	2032.9	-0.01	0	68	5.20E-07	1	SMQGYFPNCLTEAQYK	5.87E+07	parkin null-Rep I
gij24661348	FBgn0000116	859.9	1717.79	1717.79	0	0	61	4.60E-06	1	TFLVWCNEEDHLR	6.13E+07	control-Rep II
gij24661348	FBgn0000116	573.6	1717.79	1717.79	0	0	31	0.005	1	TFLVWCNEEDHLR	6.47E+07	parkin null-Rep I

gij24661348	FBgn0000116	573.61	1717.8	1717.79	0.01	0	22	0.042	1	TFLVWCNEEDHLR	6.65E+07	parkin null-Rep II
gij24661348	FBgn0000116	573.61	1717.79	1717.79	0	0	27	0.013	1	TFLVWCNEEDHLR	7.09E+07	control-Rep I
gij24661348	FBgn0000116	660.36	1318.7	1318.7	0.01	0	70	1.50E-06	1	VSSTLSGLEGELK	3.29E+07	parkin null-Rep I
gij24661348	FBgn0000116	660.36	1318.7	1318.7	0.01	0	81	1.30E-07	1	VSSTLSGLEGELK	3.43E+07	control-Rep II
gij24661348	FBgn0000116	660.36	1318.7	1318.7	0.01	0	73	7.50E-07	1	VSSTLSGLEGELK	3.51E+07	control-Rep I
gij24661348	FBgn0000116	660.36	1318.71	1318.7	0.01	0	81	1.20E-07	1	VSSTLSGLEGELK	4.72E+07	parkin null-Rep II
gij114211	FBgn0000121	946.12	2835.34	2835.33	0.01	0	33	0.0035	1	DFIDHIDYCDPVDGVIVVEPDYLK	1.94E+06	parkin null-Rep I
gij114211	FBgn0000121	946.12	2835.35	2835.33	0.02	0	33	0.0039	1	DFIDHIDYCDPVDGVIVVEPDYLK	3.03E+06	control-Rep II
gij114211	FBgn0000121	1027.44	2052.87	2052.86	0.01	0	43	0.00014	1	GYQDDDDNIVFEDFAK	5.92E+05	parkin null-Rep I
gij114211	FBgn0000121	1027.45	2052.89	2052.86	0.03	0	59	4.80E-06	1	GYQDDDDNIVFEDFAK	1.45E+06	parkin null-Rep II
gij114211	FBgn0000121	933.95	1865.88	1865.87	0.01	0	82	5.10E-08	1	LNCGTLGGEMQTDVPEFK	1.23E+07	parkin null-Rep I
gij114211	FBgn0000121	933.95	1865.88	1865.87	0.02	0	73	3.70E-07	1	LNCGTLGGEMQTDVPEFK	1.40E+07	control-Rep II
gij114211	FBgn0000121	933.94	1865.86	1865.87	0	0	69	8.30E-07	1	LNCGTLGGEMQTDVPEFK	1.45E+07	control-Rep I
gij114211	FBgn0000121	933.95	1865.89	1865.87	0.02	0	77	1.70E-07	1	LNCGTLGGEMQTDVPEFK	1.86E+07	parkin null-Rep II
gij114211	FBgn0000121	610.32	1218.62	1218.62	0	0	65	5.80E-06	1	TAATVQVSNNNSK	4.44E+06	parkin null-Rep I
gij114211	FBgn0000121	610.32	1218.63	1218.62	0.01	0	67	3.90E-06	1	TAATVQVSNNNSK	4.80E+06	parkin null-Rep II
gij114211	FBgn0000121	610.32	1218.62	1218.62	0	0	67	3.90E-06	1	TAATVQVSNNNSK	5.77E+06	control-Rep II
gij114211	FBgn0000121	610.32	1218.62	1218.62	0	0	74	7.10E-07	1	TAATVQVSNNNSK	9.04E+06	control-Rep I
gij114211	FBgn0000121	471.22	1410.64	1410.64	0	1	21	0.043	1	YGREEDVVMGVK	4.14E+05	parkin null-Rep II
gij114211	FBgn0000121	471.22	1410.64	1410.64	-0.01	1	29	0.014	1	YGREEDVVMGVK	6.09E+05	parkin null-Rep I
gij114211	FBgn0000121	471.22	1410.64	1410.64	-0.01	1	29	0.013	1	YGREEDVVMGVK	6.53E+05	control-Rep II
gij114211	FBgn0000121	471.22	1410.64	1410.64	-0.01	1	21	0.072	1	YGREEDVVMGVK	8.95E+05	control-Rep I
gij127980	FBgn0000150	526.25	1050.49	1050.49	-0.01	0	33	0.0086	1	GDFCIQVGR	7.01E+06	parkin null-Rep II
gij127980	FBgn0000150	526.25	1050.49	1050.49	-0.01	0	47	0.00035	1	GDFCIQVGR	8.15E+06	parkin null-Rep I
gij127980	FBgn0000150	526.25	1050.49	1050.49	-0.01	0	44	0.00063	1	GDFCIQVGR	9.72E+06	control-Rep II
gij127980	FBgn0000150	526.25	1050.49	1050.49	-0.01	0	42	0.0011	1	GDFCIQVGR	1.12E+07	control-Rep I
gij127980	FBgn0000150	490.58	1468.71	1468.72	0	0	34	0.0045	1	NIHGSDAVESAEK	8.17E+05	parkin null-Rep II
gij127980	FBgn0000150	735.36	1468.71	1468.72	-0.01	0	47	0.00036	1	NIHGSDAVESAEK	1.16E+06	control-Rep II
gij127980	FBgn0000150	490.58	1468.72	1468.72	0	0	33	0.007	1	NIHGSDAVESAEK	1.18E+06	parkin null-Rep I
gij127980	FBgn0000150	490.58	1468.73	1468.72	0.01	0	26	0.033	1	NIHGSDAVESAEK	1.34E+06	control-Rep I
gij127980	FBgn0000150	871.44	1740.87	1740.88	-0.01	0	98	2.00E-09	1	QMLGATNPADSLPGTIR	3.37E+07	parkin null-Rep I
gij127980	FBgn0000150	871.44	1740.87	1740.88	-0.01	0	86	3.60E-08	1	QMLGATNPADSLPGTIR	4.14E+07	parkin null-Rep II
gij127980	FBgn0000150	871.46	1740.9	1740.88	0.01	0	78	2.00E-07	1	QMLGATNPADSLPGTIR	4.31E+07	control-Rep II
gij127980	FBgn0000150	871.45	1740.89	1740.88	0	0	80	1.50E-07	1	QMLGATNPADSLPGTIR	5.31E+07	control-Rep I
gij7688	FBgn0000253	615.64	1843.88	1843.88	0	1	32	0.0069	1	EAFSLFDKDGDTITTK	1.55E+07	control-Rep I
gij7688	FBgn0000253	615.64	1843.89	1843.88	0	1	38	0.0019	1	EAFSLFDKDGDTITTK	1.60E+07	control-Rep II
gij7688	FBgn0000253	615.64	1843.89	1843.88	0	1	28	0.02	1	EAFSLFDKDGDTITTK	1.75E+07	parkin null-Rep II
gij7688	FBgn0000253	675.31	1348.61	1348.62	-0.01	0	41	0.00087	1	LTDEEVDEMIR	1.02E+07	control-Rep II
gij7688	FBgn0000253	675.32	1348.63	1348.62	0.01	0	36	0.0037	1	LTDEEVDEMIR	1.14E+07	parkin null-Rep I

gij7688	FBgn000253	675.32	1348.63	1348.62	0.01	0	39	0.002	1	LTDEEVDEMIR	1.28E+07	control-Rep I
gij7688	FBgn000253	675.32	1348.63	1348.62	0.01	0	27	0.032	1	LTDEEVDEMIR	1.59E+07	parkin null-Rep II
gij7688	FBgn000253	869.93	1737.85	1737.87	-0.02	1	64	4.40E-06	1	VFDKDGNGFISAAELR	9.42E+06	control-Rep II
gij7688	FBgn000253	580.3	1737.88	1737.87	0.01	1	38	0.002	1	VFDKDGNGFISAAELR	1.42E+07	parkin null-Rep II
gij17981717	FBgn0000261	721.33	1440.65	1440.65	0	0	78	6.10E-08	1	FSTVGGESGSADTAR	1.62E+06	parkin null-Rep II
gij17981717	FBgn0000261	721.33	1440.65	1440.65	0	0	74	1.30E-07	1	FSTVGGESGSADTAR	1.69E+06	parkin null-Rep I
gij17981717	FBgn0000261	721.33	1440.65	1440.65	0	0	80	3.50E-08	1	FSTVGGESGSADTAR	2.14E+06	control-Rep I
gij17981717	FBgn0000261	721.33	1440.65	1440.65	0	0	77	6.70E-08	1	FSTVGGESGSADTAR	2.27E+06	control-Rep II
gij17981717	FBgn0000261	749.37	2245.09	2245.08	0.01	0	42	0.00071	1	GPILLQDVNFLDEMESHFDR	1.95E+07	control-Rep II
gij17981717	FBgn0000261	749.37	2245.09	2245.08	0.01	0	42	0.00083	1	GPILLQDVNFLDEMESHFDR	2.15E+07	parkin null-Rep II
gij17981717	FBgn0000261	749.37	2245.09	2245.08	0	0	50	0.00012	1	GPILLQDVNFLDEMESHFDR	2.34E+07	control-Rep I
gij17981717	FBgn0000261	749.37	2245.09	2245.08	0.01	0	52	8.10E-05	1	GPILLQDVNFLDEMESHFDR	2.68E+07	parkin null-Rep I
gij17981717	FBgn0000261	888.46	1774.91	1774.91	0	0	27	0.031	1	LGPNYLQIPVNCPYK	1.04E+07	control-Rep II
gij17981717	FBgn0000261	888.47	1774.92	1774.91	0.01	0	32	0.011	1	LGPNYLQIPVNCPYK	1.22E+07	control-Rep I
gij17981717	FBgn0000261	709.05	2124.13	2124.11	0.02	0	40	0.001	1	LVQNIAGHLSNASQFLQER	1.72E+07	control-Rep I
gij17981717	FBgn0000261	709.05	2124.12	2124.11	0.01	0	38	0.0017	1	LVQNIAGHLSNASQFLQER	1.73E+07	parkin null-Rep II
gij17981717	FBgn0000261	709.05	2124.12	2124.11	0.01	0	35	0.0036	1	LVQNIAGHLSNASQFLQER	1.87E+07	parkin null-Rep I
gij17981717	FBgn0000261	947.81	2840.4	2840.4	0	0	58	1.30E-05	1	NYFAEVEQIAFSPAHLVPGVEPSDK	3.14E+06	control-Rep II
gij17981717	FBgn0000261	947.81	2840.39	2840.4	-0.01	0	51	6.60E-05	1	NYFAEVEQIAFSPAHLVPGVEPSDK	3.30E+06	control-Rep I
gij17981717	FBgn0000261	947.8	2840.39	2840.4	-0.01	0	66	2.20E-06	1	NYFAEVEQIAFSPAHLVPGVEPSDK	4.22E+06	parkin null-Rep II
gij17864142	FBgn0000313	679.39	1356.77	1356.76	0.01	0	36	0.0026	1	GLEDSLQTLILR	8.70E+06	parkin null-Rep II
gij84914	FBgn0000313	679.39	1356.77	1356.76	0	0	33	0.0077	1	GLEDSLQTLILR	1.10E+07	control-Rep I
gij17864142	FBgn0000313	679.39	1356.77	1356.76	0	0	35	0.0053	1	GLEDSLQTLILR	1.24E+07	parkin null-Rep I
gij17864142	FBgn0000313	801.92	1601.82	1601.8	0.01	0	72	1.20E-06	1	INNLADESFNLPK	1.09E+07	parkin null-Rep I
gij17864142	FBgn0000313	801.91	1601.81	1601.8	0	0	63	7.50E-06	1	INNLADESFNLPK	1.15E+07	parkin null-Rep II
gij17864142	FBgn0000313	801.91	1601.81	1601.8	0	0	40	0.0016	1	INNLADESFNLPK	1.31E+07	control-Rep II
gij17864142	FBgn0000313	695.68	2084.03	2084.02	0.01	0	37	0.0025	1	ISGNHLTEIPDDAFTGLER	1.39E+07	parkin null-Rep II
gij17864142	FBgn0000313	695.68	2084.03	2084.02	0.01	0	24	0.044	1	ISGNHLTEIPDDAFTGLER	1.89E+07	control-Rep II
gij17864142	FBgn0000313	695.68	2084.02	2084.02	0.01	0	35	0.0034	1	ISGNHLTEIPDDAFTGLER	2.53E+07	parkin null-Rep I
gij17864142	FBgn0000313	833.46	2497.37	2497.36	0.01	1	36	0.0017	1	KIPNPTGAVPYLPNSVFLTDLK	9.17E+06	control-Rep II
gij17864142	FBgn0000313	833.46	2497.36	2497.36	0	1	37	0.0015	1	KIPNPTGAVPYLPNSVFLTDLK	1.04E+07	parkin null-Rep I
gij17864142	FBgn0000313	569.31	1136.61	1136.6	0.01	0	36	0.0034	1	LFNFDVLR	7.55E+06	parkin null-Rep II
gij17864142	FBgn0000313	569.3	1136.59	1136.6	0	0	29	0.016	1	LFNFDVLR	7.56E+06	parkin null-Rep I
gij17864142	FBgn0000313	569.31	1136.61	1136.6	0.01	0	40	0.0035	1	LFNFDVLR	8.56E+06	control-Rep II
gij84914	FBgn0000313	569.31	1136.61	1136.6	0.01	0	38	0.0058	1	LFNFDVLR	1.04E+07	control-Rep I
gij17864142	FBgn0000313	674	2018.98	2018.97	0.01	0	35	0.004	1	LHYFEYGCLDSLPHLR	4.28E+06	parkin null-Rep II
gij17864142	FBgn0000313	673.99	2018.95	2018.97	-0.02	0	39	0.0012	1	LHYFEYGCLDSLPHLR	5.30E+06	control-Rep II
gij84914	FBgn0000313	674	2018.98	2018.97	0.01	0	25	0.042	1	LHYFEYGCLDSLPHLR	7.94E+06	control-Rep I
gij17864142	FBgn0000313	1099.63	2197.24	2197.22	0.02	0	72	2.60E-07	1	LLLDNLSIEIPYDALGPLK	2.17E+07	parkin null-Rep II

gij84914	FBgn0000313	1099.63	2197.24	2197.22	0.02	0	74	1.70E-07	1	LLTNDNILSEIPYDALGPLK	2.86E+07	control-Rep I
gij17864142	FBgn0000313	1099.62	2197.23	2197.22	0	0	82	3.40E-08	1	LLTNDNILSEIPYDALGPLK	3.04E+07	control-Rep II
gij17864142	FBgn0000313	1099.63	2197.25	2197.22	0.02	0	75	1.30E-07	1	LLTNDNILSEIPYDALGPLK	3.07E+07	parkin null-Rep I
gij17864142	FBgn0000313	869.46	2605.36	2605.34	0.02	0	63	9.40E-06	1	MLDLSNNDLTVPLMTQALPHLR	1.70E+07	parkin null-Rep II
gij17864142	FBgn0000313	869.46	2605.35	2605.34	0.01	0	63	1.00E-05	1	MLDLSNNDLTVPLMTQALPHLR	1.89E+07	parkin null-Rep I
gij17864142	FBgn0000313	869.46	2605.35	2605.34	0.01	0	55	6.60E-05	1	MLDLSNNDLTVPLMTQALPHLR	1.99E+07	control-Rep II
gij84914	FBgn0000313	869.46	2605.35	2605.34	0.01	0	54	8.90E-05	1	MLDLSNNDLTVPLMTQALPHLR	2.14E+07	control-Rep I
gij17864142	FBgn0000313	619.82	1237.63	1237.64	-0.01	0	31	0.0094	1	SFMGLENSLIK	1.08E+07	parkin null-Rep I
gij17864142	FBgn0000313	619.83	1237.65	1237.64	0.01	0	44	0.0005	1	SFMGLENSLIK	1.23E+07	parkin null-Rep II
gij17864142	FBgn0000313	619.83	1237.64	1237.64	0	0	36	0.0035	1	SFMGLENSLIK	1.43E+07	control-Rep II
gij84914	FBgn0000313	619.83	1237.64	1237.64	0	0	36	0.0035	1	SFMGLENSLIK	1.50E+07	control-Rep I
gij17864142	FBgn0000313	1047.59	2093.16	2093.14	0.02	0	34	0.0036	1	SLWELILPQNDLVEIPSK	9.69E+06	parkin null-Rep II
gij17864142	FBgn0000313	1047.59	2093.16	2093.14	0.02	0	43	0.00056	1	SLWELILPQNDLVEIPSK	1.30E+07	parkin null-Rep I
gij84914	FBgn0000313	1047.59	2093.16	2093.14	0.02	0	73	5.20E-07	1	SLWELILPQNDLVEIPSK	1.42E+07	control-Rep I
gij17864142	FBgn0000313	1047.59	2093.16	2093.14	0.02	0	58	1.50E-05	1	SLWELILPQNDLVEIPSK	1.48E+07	control-Rep II
gij24652838	FBgn0000556	1182.91	3545.7	3545.69	0.01	0	55	2.50E-05	1	IGYNPAAVAFVPISGWHGDNMLEPSTNMPWFK	2.94E+07	parkin null-Rep I
gij24652838	FBgn0000556	1182.91	3545.72	3545.69	0.03	0	62	5.00E-06	1	IGYNPAAVAFVPISGWHGDNMLEPSTNMPWFK	3.09E+07	control-Rep I
gij24652838	FBgn0000556	1182.92	3545.74	3545.69	0.05	0	61	7.40E-06	1	IGYNPAAVAFVPISGWHGDNMLEPSTNMPWFK	3.29E+07	parkin null-Rep II
gij24652838	FBgn0000556	1182.92	3545.73	3545.69	0.04	0	34	0.0037	1	IGYNPAAVAFVPISGWHGDNMLEPSTNMPWFK	3.56E+07	control-Rep II
gij24652838	FBgn0000556	457.79	913.57	913.56	0.01	0	38	0.0017	1	QTVAVGVIK	1.03E+06	parkin null-Rep II
gij24652838	FBgn0000556	457.79	913.57	913.56	0.01	0	30	0.012	1	QTVAVGVIK	3.02E+06	control-Rep II
gij24652838	FBgn0000556	1004.53	3010.58	3010.56	0.02	0	40	0.0009	1	SGDAAIVNLVPSKPLCVEAFQEFPLGR	4.08E+07	control-Rep II
gij24652838	FBgn0000556	1004.53	3010.57	3010.56	0.01	0	57	2.00E-05	1	SGDAAIVNLVPSKPLCVEAFQEFPLGR	4.28E+07	control-Rep I
gij24652838	FBgn0000556	1004.53	3010.57	3010.56	0.02	0	45	0.00027	1	SGDAAIVNLVPSKPLCVEAFQEFPLGR	4.39E+07	parkin null-Rep I
gij24652838	FBgn0000556	1004.54	3010.59	3010.56	0.03	0	50	8.70E-05	1	SGDAAIVNLVPSKPLCVEAFQEFPLGR	4.48E+07	parkin null-Rep II
gij24652838	FBgn0000556	560.8	1119.59	1119.59	-0.01	0	32	0.0097	1	STTTGHLIYK	1.12E+06	control-Rep II
gij24652838	FBgn0000556	560.8	1119.59	1119.59	0	0	26	0.039	1	STTTGHLIYK	1.18E+06	control-Rep I
gij24652838	FBgn0000556	560.8	1119.59	1119.59	-0.01	0	28	0.029	1	STTTGHLIYK	1.97E+06	parkin null-Rep I
gij24652838	FBgn0000556	640.7	1919.09	1919.07	0.02	0	47	8.80E-05	1	TLIDALDAILPPARPTDK	1.12E+08	parkin null-Rep II
gij24652838	FBgn0000556	640.7	1919.09	1919.07	0.01	0	47	9.40E-05	1	TLIDALDAILPPARPTDK	1.22E+08	control-Rep II
gij24652838	FBgn0000556	640.7	1919.08	1919.07	0.01	0	55	1.50E-05	1	TLIDALDAILPPARPTDK	1.22E+08	parkin null-Rep I
gij24652838	FBgn0000556	640.7	1919.08	1919.07	0.01	0	48	8.70E-05	1	TLIDALDAILPPARPTDK	1.37E+08	control-Rep I
gij24652838	FBgn0000556	823.81	2468.4	2468.39	0.01	0	42	0.00021	1	VETGVLPKPGTVVVVFAPANITTEVK	1.04E+08	parkin null-Rep I
gij24652838	FBgn0000556	823.81	2468.4	2468.39	0.01	0	41	0.00033	1	VETGVLPKPGTVVVVFAPANITTEVK	1.06E+08	parkin null-Rep II
gij24652838	FBgn0000556	823.81	2468.4	2468.39	0.01	0	33	0.0018	1	VETGVLPKPGTVVVVFAPANITTEVK	1.07E+08	control-Rep II
gij24652838	FBgn0000556	823.81	2468.4	2468.39	0.01	0	36	0.00091	1	VETGVLPKPGTVVVVFAPANITTEVK	1.13E+08	control-Rep I
gij45553816	FBgn0000557	972.48	2914.41	2914.4	0.02	0	63	5.50E-06	1	IGYNPASVAFVPISGWHGDNMLEPSEK	1.35E+07	parkin null-Rep II
gij84946	FBgn0000557	972.48	2914.42	2914.4	0.02	0	59	1.20E-05	1	IGYNPASVAFVPISGWHGDNMLEPSEK	1.52E+07	control-Rep I
gij84946	FBgn0000557	852.15	2553.44	2553.42	0.01	0	44	0.00016	1	VETGLLKPGMVVNFAPVNLVTEVK	4.98E+07	control-Rep II

gij84946	FBgn0000557	852.15	2553.43	2553.42	0	0	50	3.50E-05	1	VETGLLKPGMVVNFAPVNLVTEVK	5.29E+07	control-Rep I
gij45553816	FBgn0000557	852.15	2553.43	2553.42	0.01	0	36	0.0008	1	VETGLLKPGMVVNFAPVNLVTEVK	5.57E+07	parkin null-Rep I
gij45553816	FBgn0000557	852.15	2553.44	2553.42	0.02	0	33	0.0015	1	VETGLLKPGMVVNFAPVNLVTEVK	5.78E+07	parkin null-Rep II
gij17380352	FBgn0000559	1027.49	2052.97	2052.97	0	0	50	0.00015	1	ALPMPDGLPEDIDNGDVSAK	4.98E+06	parkin null-Rep II
gij17380352	FBgn0000559	1027.48	2052.95	2052.97	-0.02	0	41	0.00038	1	ALPMPDGLPEDIDNGDVSAK	7.42E+06	parkin null-Rep I
gij17380352	FBgn0000559	1027.5	2052.99	2052.97	0.02	0	69	1.80E-06	1	ALPMPDGLPEDIDNGDVSAK	7.89E+06	control-Rep II
gij17380352	FBgn0000559	745.9	1489.79	1489.77	0.02	1	58	2.70E-05	1	EGLPDLSEQYLDKL	1.00E+07	parkin null-Rep II
gij17380352	FBgn0000559	745.9	1489.78	1489.77	0.02	1	56	4.80E-05	1	EGLPDLSEQYLDKL	1.29E+07	control-Rep II
gij17380352	FBgn0000559	745.9	1489.78	1489.77	0.01	1	54	7.90E-05	1	EGLPDLSEQYLDKL	1.35E+07	parkin null-Rep I
gij17380352	FBgn0000559	745.89	1489.77	1489.77	0	1	56	5.30E-05	1	EGLPDLSEQYLDKL	1.46E+07	control-Rep I
gij17380352	FBgn0000559	821.86	1641.71	1641.69	0.02	0	76	5.80E-08	1	ETVSEESDQMCLSK	3.67E+06	parkin null-Rep II
gij17380352	FBgn0000559	821.84	1641.67	1641.69	-0.02	0	53	6.90E-06	1	ETVSEESDQMCLSK	4.94E+06	parkin null-Rep I
gij17380352	FBgn0000559	821.85	1641.69	1641.69	0.01	0	69	2.60E-07	1	ETVSEESDQMCLSK	6.86E+06	control-Rep I
gij17380352	FBgn0000559	821.85	1641.69	1641.69	0	0	70	1.60E-07	1	ETVSEESDQMCLSK	6.91E+06	control-Rep II
gij17380352	FBgn0000559	673.01	2016.02	2016.01	0	0	41	0.001	1	GHVFEENQVVGTPMFVVK	3.39E+06	control-Rep I
gij17380352	FBgn0000559	673.01	2016.01	2016.01	-0.01	0	36	0.003	1	GHVFEENQVVGTPMFVVK	4.20E+06	parkin null-Rep II
gij17380352	FBgn0000559	895.18	2682.51	2682.49	0.02	0	46	5.00E-05	1	TWLPAGEALLQMIAIHLPSVVAQK	1.10E+07	control-Rep II
gij17380352	FBgn0000559	895.18	2682.51	2682.49	0.02	0	40	0.00018	1	TWLPAGEALLQMIAIHLPSVVAQK	1.10E+07	parkin null-Rep II
gij17380352	FBgn0000559	895.18	2682.52	2682.49	0.03	0	42	8.80E-05	1	TWLPAGEALLQMIAIHLPSVVAQK	1.12E+07	parkin null-Rep I
gij17380352	FBgn0000559	895.18	2682.51	2682.49	0.02	0	42	0.00011	1	TWLPAGEALLQMIAIHLPSVVAQK	1.43E+07	control-Rep I
gij17380352	FBgn0000559	1361.2	2720.39	2720.37	0.01	0	62	7.40E-06	1	YVEAIEDVPSGNIQCLVGVQDQLVK	2.59E+06	control-Rep II
gij17380352	FBgn0000559	1361.19	2720.36	2720.37	-0.01	0	74	5.10E-07	1	YVEAIEDVPSGNIQCLVGVQDQLVK	3.01E+06	control-Rep I
gij17137654	FBgn0000579	588.98	1763.92	1763.92	0	0	25	0.042	1	AAVPSGASTGVHEALELR	1.29E+08	parkin null-Rep II
gij21392248	FBgn0000579	588.98	1763.92	1763.92	0	0	26	0.037	1	AAVPSGASTGVHEALELR	1.47E+08	parkin null-Rep I
gij119351	FBgn0000579	588.98	1763.91	1763.92	0	0	24	0.055	1	AAVPSGASTGVHEALELR	1.71E+08	control-Rep I
gij119351	FBgn0000579	946.97	1891.93	1891.93	-0.01	0	70	1.20E-06	1	ANLDVVDQASIDNFMVK	3.38E+06	control-Rep I
gij21392248	FBgn0000579	946.98	1891.95	1891.93	0.02	0	115	4.30E-11	1	ANLDVVDQASIDNFMVK	5.36E+06	parkin null-Rep I
gij21392248	FBgn0000579	629.36	1256.7	1256.7	0	0	58	3.10E-05	1	EALNLISDAIAK	4.52E+07	control-Rep II
gij17137654	FBgn0000579	629.36	1256.7	1256.7	0.01	0	56	5.00E-05	1	EALNLISDAIAK	4.96E+07	parkin null-Rep II
gij21392248	FBgn0000579	629.36	1256.7	1256.7	0	0	64	8.60E-06	1	EALNLISDAIAK	5.02E+07	parkin null-Rep I
gij119351	FBgn0000579	629.36	1256.7	1256.7	0	0	55	6.60E-05	1	EALNLISDAIAK	5.70E+07	control-Rep I
gij119351	FBgn0000579	1104.54	2207.07	2207.05	0.02	0	80	1.80E-07	1	FGLDATAVGDEGGFAPNIQSNK	4.61E+06	control-Rep I
gij21392248	FBgn0000579	1104.54	2207.07	2207.05	0.02	0	102	1.10E-09	1	FGLDATAVGDEGGFAPNIQSNK	4.92E+06	parkin null-Rep I
gij17137654	FBgn0000579	1104.53	2207.05	2207.05	0	0	96	2.10E-09	1	FGLDATAVGDEGGFAPNIQSNK	5.76E+06	parkin null-Rep II
gij17137654	FBgn0000579	522.78	1043.55	1043.55	0	0	44	0.00075	1	IEEEIGAGVK	1.56E+07	parkin null-Rep II
gij21392248	FBgn0000579	522.78	1043.55	1043.55	0	0	36	0.0047	1	IEEEIGAGVK	1.98E+07	parkin null-Rep I
gij21392248	FBgn0000579	522.78	1043.55	1043.55	0	0	36	0.0047	1	IEEEIGAGVK	2.21E+07	control-Rep II
gij119351	FBgn0000579	522.78	1043.55	1043.55	0	0	47	0.00033	1	IEEEIGAGVK	2.78E+07	control-Rep I
gij17137654	FBgn0000579	619.85	1237.69	1237.67	0.01	0	43	0.00047	1	LANLYQEFIK	8.43E+06	parkin null-Rep II

gij21392248	FBgn0000579	619.84	1237.67	1237.67	-0.01	0	37	0.0021	1	LANLYQEFIK	1.43E+07	control-Rep II
gij17137654	FBgn0000579	622.36	1864.05	1864.04	0.01	0	30	0.0063	1	VNQIGTVTESIAAHLAK	3.72E+07	parkin null-Rep II
gij21392248	FBgn0000579	622.36	1864.05	1864.04	0.01	0	29	0.0078	1	VNQIGTVTESIAAHLAK	3.93E+07	control-Rep II
gij119351	FBgn0000579	622.36	1864.05	1864.04	0.01	0	27	0.012	1	VNQIGTVTESIAAHLAK	4.49E+07	control-Rep I
gij21392248	FBgn0000579	622.36	1864.05	1864.04	0.01	0	22	0.036	1	VNQIGTVTESIAAHLAK	4.57E+07	parkin null-Rep I
gij24664085	FBgn0000639	773.39	1544.77	1544.77	0	0	34	0.011	1	AMNPVMSILMPWR	3.37E+06	control-Rep II
gij24664085	FBgn0000639	773.38	1544.75	1544.77	-0.02	0	36	0.0059	1	AMNPVMSILMPWR	4.89E+06	control-Rep I
gij24664085	FBgn0000639	773.39	1544.77	1544.77	0.01	0	46	0.00039	1	AMNPVMSILMPWR	2.58E+07	parkin null-Rep I
gij24664085	FBgn0000639	773.4	1544.78	1544.77	0.01	0	57	3.10E-05	1	AMNPVMSILMPWR	2.73E+07	parkin null-Rep II
gij24664085	FBgn0000639	615.87	1229.73	1229.71	0.01	0	53	3.30E-05	1	FILDIVQNIR	1.28E+07	parkin null-Rep II
gij24664085	FBgn0000639	615.87	1229.72	1229.71	0	0	53	4.80E-05	1	FILDIVQNIR	1.31E+07	parkin null-Rep I
gij24664085	FBgn0000639	1001.86	3002.56	3002.53	0.03	0	40	0.0007	1	IEEHLDLSNLVEQQVQGIQVEIVGR	1.12E+07	parkin null-Rep I
gij24664085	FBgn0000639	1001.86	3002.56	3002.53	0.03	0	65	2.20E-06	1	IEEHLDLSNLVEQQVQGIQVEIVGR	1.13E+07	parkin null-Rep II
gij24664085	FBgn0000639	803.9	1605.79	1605.77	0.02	0	66	2.80E-06	1	LMTDDEILEMLQR	1.02E+07	control-Rep I
gij24664085	FBgn0000639	803.9	1605.78	1605.77	0.01	0	65	4.00E-06	1	LMTDDEILEMLQR	3.62E+07	parkin null-Rep I
gij24664085	FBgn0000639	803.9	1605.79	1605.77	0.01	0	72	7.40E-07	1	LMTDDEILEMLQR	3.70E+07	parkin null-Rep II
gij24664085	FBgn0000639	888.47	2662.38	2662.37	0.01	0	23	0.047	1	LNQESIAQQQLIEEQQLINNPR	1.85E+07	parkin null-Rep I
gij24664085	FBgn0000639	888.47	2662.39	2662.37	0.02	0	25	0.031	1	LNQESIAQQQLIEEQQLINNPR	1.97E+07	parkin null-Rep II
gij24664085	FBgn0000639	706.91	1411.81	1411.8	0.01	0	68	1.70E-06	1	QVESLIADVLLGR	1.08E+07	parkin null-Rep I
gij24664085	FBgn0000639	706.91	1411.8	1411.8	0	0	72	6.90E-07	1	QVESLIADVLLGR	1.28E+07	parkin null-Rep II
gij24664085	FBgn0000639	1103.09	2204.17	2204.14	0.03	0	83	4.20E-08	1	SIDIPWTTSDVTPLVEIYR	8.07E+06	parkin null-Rep I
gij24664085	FBgn0000639	1103.08	2204.15	2204.14	0.01	0	81	8.20E-08	1	SIDIPWTTSDVTPLVEIYR	8.70E+06	parkin null-Rep II
gij13124689	FBgn0000667	748.36	1494.71	1494.72	-0.01	0	35	0.0061	1	AFEEWLLAETMR	4.17E+06	control-Rep II
gij13124689	FBgn0000667	748.37	1494.73	1494.72	0.01	0	34	0.0096	1	AFEEWLLAETMR	4.91E+06	parkin null-Rep I
gij13124689	FBgn0000667	748.37	1494.73	1494.72	0.01	0	43	0.0011	1	AFEEWLLAETMR	5.58E+06	parkin null-Rep II
gij13124689	FBgn0000667	748.37	1494.73	1494.72	0.01	0	43	0.0012	1	AFEEWLLAETMR	8.24E+06	control-Rep I
gij13124689	FBgn0000667	725.85	1449.69	1449.67	0.01	0	49	0.00013	1	AGTAIDNIEEDFR	5.20E+06	parkin null-Rep II
gij13124689	FBgn0000667	725.85	1449.68	1449.67	0	0	47	0.00015	1	AGTAIDNIEEDFR	6.29E+06	parkin null-Rep I
gij13124689	FBgn0000667	725.84	1449.67	1449.67	0	0	57	1.40E-05	1	AGTAIDNIEEDFR	6.92E+06	control-Rep II
gij13124689	FBgn0000667	725.84	1449.67	1449.67	-0.01	0	66	1.70E-06	1	AGTAIDNIEEDFR	7.74E+06	control-Rep I
gij13124689	FBgn0000667	668.03	2001.07	2001.09	-0.02	1	58	2.10E-05	1	ATLGEADKEFNLIIVNLVR	9.75E+06	parkin null-Rep II
gij13124689	FBgn0000667	668.04	2001.1	2001.09	0.01	1	55	3.10E-05	1	ATLGEADKEFNLIIVNLVR	1.11E+07	control-Rep II
gij13124689	FBgn0000667	668.04	2001.1	2001.09	0.01	1	51	7.20E-05	1	ATLGEADKEFNLIIVNLVR	1.17E+07	control-Rep I
gij13124689	FBgn0000667	895.44	1788.87	1788.85	0.01	0	59	2.80E-05	1	DNPLENLNTAFDVAEK	6.97E+06	parkin null-Rep II
gij13124689	FBgn0000667	895.43	1788.85	1788.85	0	0	70	8.80E-07	1	DNPLENLNTAFDVAEK	7.74E+06	parkin null-Rep I
gij13124689	FBgn0000667	895.44	1788.87	1788.85	0.01	0	73	5.00E-07	1	DNPLENLNTAFDVAEK	8.60E+06	control-Rep II
gij13124689	FBgn0000667	895.43	1788.85	1788.85	-0.01	0	74	6.20E-07	1	DNPLENLNTAFDVAEK	9.55E+06	control-Rep I
gij13124689	FBgn0000667	907.4	1812.79	1812.8	-0.02	0	54	1.30E-05	1	ESTDTDTAEQVIDSFR	7.56E+06	parkin null-Rep II
gij13124689	FBgn0000667	907.41	1812.8	1812.8	0	0	65	9.30E-07	1	ESTDTDTAEQVIDSFR	9.52E+06	parkin null-Rep I

gij13124689	FBgn0000667	907.41	1812.81	1812.8	0	0	61	4.70E-06	1	ESTDTDTAEQVIDSFR	1.00E+07	control-Rep I
gij13124689	FBgn0000667	907.42	1812.83	1812.8	0.02	0	61	7.50E-06	1	ESTDTDTAEQVIDSFR	1.02E+07	control-Rep II
gij13124689	FBgn0000667	542.58	1624.72	1624.72	0	0	51	3.20E-05	1	HEAFESDLAAHQDR	2.37E+05	parkin null-Rep II
gij13124689	FBgn0000667	542.58	1624.72	1624.72	0	0	33	0.0018	1	HEAFESDLAAHQDR	2.61E+05	parkin null-Rep I
gij13124689	FBgn0000667	542.58	1624.73	1624.72	0	0	40	0.00049	1	HEAFESDLAAHQDR	4.11E+05	control-Rep II
gij13124689	FBgn0000667	567.95	1700.83	1700.83	0	0	29	0.017	1	IHQAVQESMIFENR	8.94E+06	parkin null-Rep I
gij13124689	FBgn0000667	567.95	1700.83	1700.83	0	0	35	0.0037	1	IHQAVQESMIFENR	9.91E+06	parkin null-Rep II
gij13124689	FBgn0000667	567.95	1700.83	1700.83	0	0	24	0.052	1	IHQAVQESMIFENR	1.18E+07	control-Rep II
gij13124689	FBgn0000667	567.95	1700.83	1700.83	0	0	31	0.011	1	IHQAVQESMIFENR	1.50E+07	control-Rep I
gij13124689	FBgn0000667	864	1725.99	1725.97	0.02	0	65	2.60E-06	1	ILAADKPYILPDEL	1.02E+07	control-Rep II
gij13124689	FBgn0000667	863.99	1725.97	1725.97	0.01	0	58	1.60E-05	1	ILAADKPYILPDEL	1.21E+07	parkin null-Rep II
gij13124689	FBgn0000667	576.33	1725.97	1725.97	0	0	32	0.0055	1	ILAADKPYILPDEL	1.30E+07	parkin null-Rep I
gij13124689	FBgn0000667	863.99	1725.97	1725.97	0	0	77	1.80E-07	1	ILAADKPYILPDEL	1.51E+07	control-Rep I
gij13124689	FBgn0000667	608.35	1214.68	1214.67	0.01	0	68	2.90E-06	1	LASDLLEWIR	1.64E+07	parkin null-Rep II
gij13124689	FBgn0000667	608.34	1214.67	1214.67	0	0	73	1.50E-06	1	LASDLLEWIR	1.86E+07	parkin null-Rep I
gij13124689	FBgn0000667	608.34	1214.67	1214.67	0.01	0	68	3.00E-06	1	LASDLLEWIR	1.90E+07	control-Rep II
gij13124689	FBgn0000667	608.34	1214.67	1214.67	0	0	69	3.40E-06	1	LASDLLEWIR	2.44E+07	control-Rep I
gij13124689	FBgn0000667	708.39	1414.76	1414.76	0	0	66	5.30E-06	1	VGWEQLLTSINR	2.06E+07	parkin null-Rep I
gij13124689	FBgn0000667	708.39	1414.76	1414.76	0	0	49	0.00023	1	VGWEQLLTSINR	2.10E+07	parkin null-Rep II
gij13124689	FBgn0000667	708.39	1414.77	1414.76	0.01	0	66	4.80E-06	1	VGWEQLLTSINR	2.30E+07	control-Rep II
gij13124689	FBgn0000667	708.39	1414.76	1414.76	0.01	0	60	1.70E-05	1	VGWEQLLTSINR	2.82E+07	control-Rep I
gij542577	FBgn0001098	768.36	1534.71	1534.71	0	0	34	0.005	1	DIVHSGLDYTMER	3.79E+06	parkin null-Rep II
gij542577	FBgn0001098	768.36	1534.7	1534.71	0	0	32	0.0041	1	DIVHSGLDYTMER	6.36E+06	control-Rep II
gij542577	FBgn0001098	768.36	1534.71	1534.71	0	0	35	0.0041	1	DIVHSGLDYTMER	7.71E+06	control-Rep I
gij542577	FBgn0001098	768.35	1534.69	1534.71	-0.01	0	38	0.00097	1	DIVHSGLDYTMER	7.78E+06	parkin null-Rep I
gij542577	FBgn0001098	797.86	1593.71	1593.7	0	0	49	4.60E-05	1	GCQIAEESLVDDMK	8.12E+06	control-Rep II
gij542577	FBgn0001098	797.85	1593.69	1593.7	-0.02	0	67	4.30E-07	1	GCQIAEESLVDDMK	8.52E+06	parkin null-Rep I
gij542577	FBgn0001098	797.86	1593.7	1593.7	0	0	64	1.40E-06	1	GCQIAEESLVDDMK	9.78E+06	control-Rep I
gij542577	FBgn0001098	797.85	1593.69	1593.7	-0.01	0	69	3.90E-07	1	GCQIAEESLVDDMK	1.08E+07	parkin null-Rep II
gij4555444	FBgn0001105	987.51	1973.01	1972.99	0.02	0	75	8.10E-07	1	AACDTSLLQAATSLEPIGR	4.72E+06	control-Rep I
gij4555444	FBgn0001105	987.51	1973.01	1972.99	0.02	0	71	2.00E-06	1	AACDTSLLQAATSLEPIGR	5.87E+06	parkin null-Rep I
gij4555444	FBgn0001105	987.5	1972.98	1972.99	-0.01	0	77	2.60E-07	1	AACDTSLLQAATSLEPIGR	6.44E+06	parkin null-Rep II
gij4555444	FBgn0001105	607.28	1212.54	1212.54	0	0	44	0.00019	1	TFVSGACDASAK	1.46E+06	parkin null-Rep I
gij4555444	FBgn0001105	607.28	1212.55	1212.54	0	0	45	0.00016	1	TFVSGACDASAK	1.46E+06	parkin null-Rep II
gij4555444	FBgn0001105	607.28	1212.54	1212.54	-0.01	0	52	2.60E-05	1	TFVSGACDASAK	2.01E+06	control-Rep II
gij4555444	FBgn0001105	607.28	1212.54	1212.54	0	0	40	0.00051	1	TFVSGACDASAK	2.33E+06	control-Rep I
gij17861668	FBgn0001125	863.39	1724.77	1724.77	0	0	73	2.20E-07	1	AGAFTVLCSDDEEAAAR	7.62E+06	parkin null-Rep I
gij17861668	FBgn0001125	863.4	1724.79	1724.77	0.02	0	92	7.30E-09	1	AGAFTVLCSDDEEAAAR	8.98E+06	control-Rep I
gij17861668	FBgn0001125	685.87	1369.73	1369.72	0.01	0	48	0.00023	1	IAAEILNNDLR	4.28E+06	control-Rep II

gij17861668	FBgn0001125	685.87	1369.73	1369.72	0.01	0	67	2.80E-06	1	IAAEILNNEDLR	4.31E+06	parkin null-Rep II
gij17861668	FBgn0001125	685.87	1369.73	1369.72	0.01	0	64	5.80E-06	1	IAAEILNNEDLR	5.98E+06	parkin null-Rep I
gij17861668	FBgn0001125	685.87	1369.73	1369.72	0.01	0	56	3.80E-05	1	IAAEILNNEDLR	8.21E+06	control-Rep I
gij103185	FBgn0001128	517.96	1550.86	1550.84	0.02	0	59	1.50E-05	1	AEGGGIDLISHITR	7.63E+06	parkin null-Rep II
gij103185	FBgn0001128	517.96	1550.85	1550.84	0.01	0	43	0.00053	1	AEGGGIDLISHITR	7.99E+06	control-Rep II
gij103185	FBgn0001128	517.96	1550.86	1550.84	0.02	0	40	0.00095	1	AEGGGIDLISHITR	9.26E+06	parkin null-Rep I
gij103185	FBgn0001128	517.96	1550.86	1550.84	0.02	0	44	0.0004	1	AEGGGIDLISHITR	1.01E+07	control-Rep I
gij103185	FBgn0001128	539.3	1614.88	1614.88	0	1	42	0.002	1	GLEDKFPLFTAIHK	6.46E+06	parkin null-Rep I
gij103185	FBgn0001128	539.29	1614.86	1614.88	-0.02	1	48	0.00031	1	GLEDKFPLFTAIHK	9.12E+06	control-Rep I
gij103185	FBgn0001128	539.3	1614.88	1614.88	0	1	37	0.006	1	GLEDKFPLFTAIHK	9.75E+06	parkin null-Rep II
gij103185	FBgn0001128	539.3	1614.87	1614.88	0	1	30	0.019	1	GLEDKFPLFTAIHK	1.04E+07	control-Rep II
gij103185	FBgn0001128	793.92	1585.83	1585.81	0.02	0	55	6.00E-05	1	IVGANAAALPEFEER	1.02E+07	parkin null-Rep I
gij103185	FBgn0001128	793.91	1585.81	1585.81	0	0	33	0.01	1	IVGANAAALPEFEER	1.09E+07	parkin null-Rep II
gij103185	FBgn0001128	793.91	1585.81	1585.81	0	0	57	3.20E-05	1	IVGANAAALPEFEER	1.22E+07	control-Rep II
gij103185	FBgn0001128	793.91	1585.81	1585.81	0	0	46	0.00049	1	IVGANAAALPEFEER	1.28E+07	control-Rep I
gij103185	FBgn0001128	816.47	1630.93	1630.93	0.01	0	46	0.00019	1	LPPNVVAVPDLVEAAK	1.74E+07	parkin null-Rep II
gij103185	FBgn0001128	816.48	1630.94	1630.93	0.01	0	39	0.00079	1	LPPNVVAVPDLVEAAK	1.84E+07	parkin null-Rep I
gij103185	FBgn0001128	816.48	1630.94	1630.93	0.01	0	41	0.0005	1	LPPNVVAVPDLVEAAK	2.23E+07	control-Rep I
gij103185	FBgn0001128	816.48	1630.95	1630.93	0.02	0	32	0.0033	1	LPPNVVAVPDLVEAAK	2.36E+07	control-Rep II
gij103185	FBgn0001128	710.87	1419.73	1419.72	0.01	0	45	0.0005	1	NIVACGAGFVDGLK	4.79E+06	control-Rep II
gij103185	FBgn0001128	710.87	1419.73	1419.72	0.01	0	52	0.0001	1	NIVACGAGFVDGLK	5.87E+06	parkin null-Rep II
gij16768060	FBgn0001145	568.94	1703.79	1703.79	0.01	0	36	0.0022	1	HETSSINDFSAGVANR	6.36E+06	parkin null-Rep II
gij16768060	FBgn0001145	568.94	1703.79	1703.79	0.01	0	29	0.0093	1	HETSSINDFSAGVANR	9.37E+06	control-Rep II
gij24641292	FBgn0001145	568.94	1703.8	1703.79	0.01	0	37	0.0017	1	HETSSINDFSAGVANR	1.01E+07	control-Rep I
gij16768060	FBgn0001145	655	1961.97	1961.96	0.01	0	64	6.00E-06	1	RPSSNCDPYSVVEAILR	1.87E+07	parkin null-Rep II
gij16768060	FBgn0001145	655	1961.98	1961.96	0.02	0	46	0.00036	1	RPSSNCDPYSVVEAILR	2.08E+07	control-Rep II
gij24641292	FBgn0001145	655	1961.97	1961.96	0.01	0	65	5.30E-06	1	RPSSNCDPYSVVEAILR	2.11E+07	parkin null-Rep I
gij24641292	FBgn0001145	655	1961.97	1961.96	0	0	53	7.50E-05	1	RPSSNCDPYSVVEAILR	2.42E+07	control-Rep I
gij38564182	FBgn0001196	425.77	849.53	849.52	0.01	0	34	0.00074	1	HLQLAIR	4.56E+05	parkin null-Rep II
gij38564182	FBgn0001196	425.77	849.53	849.52	0.01	0	28	0.0032	1	HLQLAIR	1.21E+06	parkin null-Rep I
gij38564182	FBgn0001196	1151.2	2300.39	2300.38	0.01	0	101	2.50E-11	1	LLSGVTIAQGGVLPNIQAVLLPK	2.45E+07	parkin null-Rep II
gij38564182	FBgn0001196	1151.21	2300.4	2300.38	0.02	0	109	3.90E-12	1	LLSGVTIAQGGVLPNIQAVLLPK	2.83E+07	control-Rep II
gij38564182	FBgn0001196	1151.21	2300.4	2300.38	0.02	0	117	6.00E-13	1	LLSGVTIAQGGVLPNIQAVLLPK	3.72E+07	control-Rep I
gij38564182	FBgn0001196	1151.21	2300.41	2300.38	0.03	0	103	1.20E-11	1	LLSGVTIAQGGVLPNIQAVLLPK	4.15E+07	parkin null-Rep I
gij38564182	FBgn0001196	963.85	2888.53	2888.51	0.02	0	96	2.00E-09	1	VGAGAPVYLAAVMEYLAAEVLELAGNAAR	1.08E+07	parkin null-Rep I
gij38564182	FBgn0001196	963.85	2888.52	2888.51	0.01	0	84	3.00E-08	1	VGAGAPVYLAAVMEYLAAEVLELAGNAAR	1.90E+07	control-Rep II
gij38564182	FBgn0001196	963.85	2888.52	2888.51	0.01	0	85	2.90E-08	1	VGAGAPVYLAAVMEYLAAEVLELAGNAAR	2.13E+07	control-Rep I
gij38564182	FBgn0001196	963.85	2888.53	2888.51	0.02	0	93	4.10E-09	1	VGAGAPVYLAAVMEYLAAEVLELAGNAAR	2.52E+07	parkin null-Rep II
gij1483314	FBgn0001208	894.95	1787.89	1787.87	0.02	0	42	0.00078	1	EDNIPQLEDVSNFLR	5.34E+06	parkin null-Rep I

gil1483314	FBgn0001208	894.94	1787.87	1787.87	0	0	40	0.0011	1	EDNIPQLEDVSNFLR	6.15E+06	control-Rep I
gil1483314	FBgn0001208	894.95	1787.89	1787.87	0.02	0	49	0.00015	1	EDNIPQLEDVSNFLR	6.44E+06	parkin null-Rep II
gil1483314	FBgn0001208	660.66	1978.96	1978.94	0.02	0	33	0.006	1	EYNHVFPLLVDNCGFR	3.33E+06	control-Rep II
gil1483314	FBgn0001208	660.65	1978.93	1978.94	-0.01	0	34	0.0045	1	EYNHVFPLLVDNCGFR	3.58E+06	parkin null-Rep I
gil1483314	FBgn0001208	660.66	1978.96	1978.94	0.02	0	44	0.00046	1	EYNHVFPLLVDNCGFR	4.28E+06	parkin null-Rep II
gil1483314	FBgn0001208	948.1	2841.29	2841.29	0	0	42	0.00027	1	FANQILSYGSELDADHPGFDPPEYR	1.76E+07	control-Rep I
gil1483314	FBgn0001208	948.11	2841.31	2841.29	0.02	0	54	1.90E-05	1	FANQILSYGSELDADHPGFDPPEYR	1.81E+07	parkin null-Rep I
gil1483314	FBgn0001208	948.11	2841.31	2841.29	0.03	0	41	0.00041	1	FANQILSYGSELDADHPGFDPPEYR	2.02E+07	control-Rep II
gil1483314	FBgn0001208	1395.71	4184.11	4184.07	0.03	0	84	1.90E-08	1	YNAYTQSVLEVLDKPKQISNLMNINSEFQILQNAVAK	3.67E+06	parkin null-Rep I
gil1483314	FBgn0001208	1395.71	4184.11	4184.07	0.03	0	87	3.20E-08	1	YNAYTQSVLEVLDKPKQISNLMNINSEFQILQNAVAK	5.44E+06	control-Rep II
gil266310	FBgn0001218	648.38	1294.75	1294.75	0	0	49	5.70E-05	1	DLEAIVQPVIK	9.32E+06	parkin null-Rep I
gil266310	FBgn0001218	648.38	1294.75	1294.75	0	0	44	0.00039	1	DLEAIVQPVIK	9.45E+06	control-Rep I
gil266310	FBgn0001218	648.38	1294.75	1294.75	0	0	44	0.00035	1	DLEAIVQPVIK	9.70E+06	parkin null-Rep II
gil266310	FBgn0001218	648.39	1294.77	1294.75	0.02	0	46	0.00015	1	DLEAIVQPVIK	9.81E+06	control-Rep II
gil266310	FBgn0001218	691.38	1380.75	1380.74	0.01	0	31	0.018	1	DVHEIVLVGGSTR	3.68E+06	parkin null-Rep II
gil266310	FBgn0001218	691.37	1380.73	1380.74	-0.01	0	35	0.0087	1	DVHEIVLVGGSTR	6.61E+06	control-Rep I
gil266310	FBgn0001218	763.88	1525.75	1525.74	0	0	49	0.00018	1	ITPSYVAFTADGER	4.40E+06	control-Rep I
gil266310	FBgn0001218	763.88	1525.75	1525.74	0	0	39	0.0016	1	ITPSYVAFTADGER	4.54E+06	parkin null-Rep II
gil266310	FBgn0001218	745.9	1489.79	1489.78	0	0	39	0.0024	1	VFAPEEISAMVLGK	6.94E+06	parkin null-Rep II
gil266310	FBgn0001218	745.9	1489.78	1489.78	0	0	36	0.0043	1	VFAPEEISAMVLGK	6.98E+06	parkin null-Rep I
gil266310	FBgn0001218	745.9	1489.79	1489.78	0	0	27	0.034	1	VFAPEEISAMVLGK	7.31E+06	control-Rep I
gil103190	FBgn0001219	740.89	1479.76	1479.75	0.01	1	34	0.0061	1	ARFEELNADLFR	9.13E+06	parkin null-Rep II
gil103190	FBgn0001219	494.26	1479.76	1479.75	0.01	1	40	0.0031	1	ARFEELNADLFR	9.65E+06	control-Rep II
gil103190	FBgn0001219	740.88	1479.75	1479.75	0	1	33	0.0064	1	ARFEELNADLFR	1.28E+07	parkin null-Rep I
gil28571721	FBgn0001219	740.88	1479.75	1479.75	0	1	29	0.017	1	ARFEELNADLFR	1.35E+07	control-Rep I
gil103190	FBgn0001219	491.25	980.49	980.48	0	0	21	0.27	1	ETAAYLGGK	8.57E+05	parkin null-Rep II
gil103190	FBgn0001219	491.25	980.49	980.48	0	0	21	0.27	1	ETAAYLGGK	1.16E+06	control-Rep II
gil28571721	FBgn0001219	491.25	980.49	980.48	0	0	28	0.049	1	ETAAYLGGK	1.58E+06	control-Rep I
gil103190	FBgn0001219	627.31	1252.61	1252.61	0	0	32	0.015	1	FEELNADLFR	1.13E+07	parkin null-Rep II
gil103190	FBgn0001219	627.31	1252.61	1252.61	0.01	0	37	0.0021	1	FEELNADLFR	1.27E+07	control-Rep II
gil103190	FBgn0001219	627.31	1252.61	1252.61	0	0	35	0.0037	1	FEELNADLFR	1.33E+07	parkin null-Rep I
gil28571721	FBgn0001219	627.31	1252.61	1252.61	0	0	31	0.0091	1	FEELNADLFR	1.47E+07	control-Rep I
gil28571721	FBgn0001219	677.81	1353.61	1353.62	-0.02	1	42	0.00041	1	KFDDAAVQSDMK	7.93E+04	control-Rep I
gil103190	FBgn0001219	677.82	1353.63	1353.62	0	1	46	0.00017	1	KFDDAAVQSDMK	8.01E+04	parkin null-Rep I
gil103190	FBgn0001219	677.82	1353.63	1353.62	0	1	48	0.0001	1	KFDDAAVQSDMK	1.21E+05	control-Rep II
gil103190	FBgn0001219	677.81	1353.61	1353.62	-0.02	1	48	9.70E-05	1	KFDDAAVQSDMK	1.47E+05	parkin null-Rep II
gil103190	FBgn0001219	416.56	1246.66	1246.67	-0.01	0	30	0.016	1	LVTHFVQEFK	3.67E+06	parkin null-Rep II
gil103190	FBgn0001219	416.56	1246.66	1246.67	-0.01	0	25	0.049	1	LVTHFVQEFK	4.12E+06	control-Rep II
gil103190	FBgn0001219	416.56	1246.66	1246.67	-0.01	0	27	0.028	1	LVTHFVQEFK	4.61E+06	parkin null-Rep I

gil28571721	FBgn0001219	416.56	1246.66	1246.67	-0.01	0	26	0.039	1	LVTHFVQEFK	1.01E+07	control-Rep I
gil103190	FBgn0001219	620.81	1239.61	1239.62	0	1	52	8.60E-05	1	MKETAEAYLGK	9.08E+05	parkin null-Rep II
gil103190	FBgn0001219	620.81	1239.61	1239.62	-0.01	1	50	0.00013	1	MKETAEAYLGK	1.46E+06	control-Rep II
gil103190	FBgn0001219	620.82	1239.62	1239.62	0	1	57	2.30E-05	1	MKETAEAYLGK	1.93E+06	parkin null-Rep I
gil28571721	FBgn0001219	414.21	1239.61	1239.62	-0.01	1	27	0.038	1	MKETAEAYLGK	2.21E+06	control-Rep I
gil103190	FBgn0001219	564.58	1690.72	1690.72	0	0	29	0.0053	1	STAGDTHLGGEDFDNR	1.08E+06	parkin null-Rep I
gil28571721	FBgn0001219	564.58	1690.72	1690.72	0	0	24	0.018	1	STAGDTHLGGEDFDNR	1.14E+06	control-Rep I
gil103190	FBgn0001219	564.58	1690.72	1690.72	0	0	26	0.01	1	STAGDTHLGGEDFDNR	1.16E+06	parkin null-Rep II
gil103190	FBgn0001219	564.58	1690.72	1690.72	0	0	26	0.012	1	STAGDTHLGGEDFDNR	1.36E+06	control-Rep II
gil103190	FBgn0001219	726.91	1451.81	1451.81	0	0	38	0.0019	1	SVIHDIVLVGGSTR	8.04E+06	parkin null-Rep II
gil103190	FBgn0001219	726.91	1451.81	1451.81	0	0	49	0.00014	1	SVIHDIVLVGGSTR	9.71E+06	control-Rep II
gil28571721	FBgn0001219	726.91	1451.81	1451.81	0	0	44	0.00045	1	SVIHDIVLVGGSTR	1.35E+07	control-Rep I
gil103190	FBgn0001219	814.92	1627.83	1627.82	0.01	0	27	0.03	1	TFFPEEISSMVLTK	9.63E+06	control-Rep II
gil103190	FBgn0001219	814.92	1627.83	1627.82	0.01	0	22	0.094	1	TFFPEEISSMVLTK	1.05E+07	parkin null-Rep I
gil103190	FBgn0001219	998.51	1995.01	1995.01	0	0	49	0.00014	1	TVTNAVITVPAYFNDSQR	1.39E+07	parkin null-Rep II
gil103190	FBgn0001219	998.52	1995.03	1995.01	0.02	0	55	3.60E-05	1	TVTNAVITVPAYFNDSQR	1.42E+07	control-Rep II
gil28571721	FBgn0001219	998.51	1995	1995.01	-0.01	0	45	0.00042	1	TVTNAVITVPAYFNDSQR	1.69E+07	control-Rep I
gil103190	FBgn0001219	998.52	1995.02	1995.01	0.01	0	32	0.0069	1	TVTNAVITVPAYFNDSQR	1.93E+07	parkin null-Rep I
gil103190	FBgn0001219	614.82	1227.62	1227.62	0	0	30	0.015	1	VEIANDQGNR	1.87E+06	parkin null-Rep II
gil103190	FBgn0001219	614.82	1227.62	1227.62	0	0	34	0.0057	1	VEIANDQGNR	2.67E+06	parkin null-Rep I
gil28571721	FBgn0001219	614.82	1227.62	1227.62	0	0	41	0.0012	1	VEIANDQGNR	3.40E+06	control-Rep I
gil103190	FBgn0001219	614.82	1227.62	1227.62	0	0	43	0.00081	1	VEIANDQGNR	3.50E+06	control-Rep II
gil103190	FBgn0001219	672.98	2015.92	2015.93	-0.02	1	21	0.041	1	WLDANQLADKEEYHR	3.69E+06	control-Rep II
gil103190	FBgn0001219	672.99	2015.95	2015.93	0.01	1	34	0.0045	1	WLDANQLADKEEYHR	3.75E+06	parkin null-Rep II
gil103190	FBgn0001219	672.99	2015.95	2015.93	0.01	1	28	0.017	1	WLDANQLADKEEYHR	4.06E+06	parkin null-Rep I
gil17737553	FBgn0001224	864.97	1727.92	1727.9	0.02	0	73	7.60E-07	1	NPYLALVGPMEQQLR	1.05E+07	parkin null-Rep II
gil17737553	FBgn0001224	864.96	1727.91	1727.9	0.01	0	64	6.00E-06	1	NPYLALVGPMEQQLR	1.26E+07	control-Rep II
gil17737553	FBgn0001224	864.96	1727.91	1727.9	0	0	55	4.70E-05	1	NPYLALVGPMEQQLR	1.41E+07	parkin null-Rep I
gil17737553	FBgn0001224	864.96	1727.9	1727.9	0	0	63	7.60E-06	1	NPYLALVGPMEQQLR	1.82E+07	control-Rep I
gil17737553	FBgn0001224	575.61	1723.81	1723.81	0	0	29	0.0085	1	VQDNSVLVEGNHEER	1.20E+06	parkin null-Rep II
gil17737553	FBgn0001224	575.61	1723.82	1723.81	0.01	0	37	0.0018	1	VQDNSVLVEGNHEER	1.27E+06	parkin null-Rep I
gil17737553	FBgn0001224	575.61	1723.81	1723.81	0	0	30	0.007	1	VQDNSVLVEGNHEER	1.84E+06	control-Rep II
gil17737553	FBgn0001224	575.61	1723.81	1723.81	0	0	33	0.0031	1	VQDNSVLVEGNHEER	1.96E+06	control-Rep I
gil17647529	FBgn0001233	626.3	1250.59	1250.59	0	0	49	0.00011	1	DQVNSAFVER	3.73E+06	parkin null-Rep II
gil17647529	FBgn0001233	626.3	1250.59	1250.59	0	0	43	0.00036	1	DQVNSAFVER	4.70E+06	parkin null-Rep I
gil17647529	FBgn0001233	626.3	1250.59	1250.59	0	0	53	4.50E-05	1	DQVNSAFVER	5.49E+06	control-Rep II
gil17647529	FBgn0001233	626.3	1250.59	1250.59	0	0	42	0.00055	1	DQVNSAFVER	6.04E+06	control-Rep I
gil17647529	FBgn0001233	712.31	2133.9	2133.91	-0.01	0	36	0.00042	1	FHTSASGDDFCSLADYVSR	1.17E+07	parkin null-Rep I
gil17647529	FBgn0001233	712.31	2133.91	2133.91	0	0	33	0.0011	1	FHTSASGDDFCSLADYVSR	1.19E+07	parkin null-Rep II

gij17647529	FBgn0001233	712.31	2133.91	2133.91	0.01	0	26	0.006	1	FHTSASGDDFCSLADYVSR	1.21E+07	control-Rep I
gij17647529	FBgn0001233	804.08	2409.22	2409.19	0.03	0	22	0.091	1	GFEVYVMTEPIDEYVIQHLK	1.16E+07	parkin null-Rep I
gij17647529	FBgn0001233	804.07	2409.19	2409.19	-0.01	0	37	0.0022	1	GFEVYVMTEPIDEYVIQHLK	1.51E+07	control-Rep I
gij17647529	FBgn0001233	757.4	1512.79	1512.78	0.01	0	32	0.019	1	GVVDSDELPLNISR	1.55E+07	parkin null-Rep II
gij17647529	FBgn0001233	757.4	1512.79	1512.78	0.01	0	39	0.0035	1	GVVDSDELPLNISR	1.64E+07	parkin null-Rep I
gij17647529	FBgn0001233	757.39	1512.77	1512.78	0	0	63	6.20E-06	1	GVVDSDELPLNISR	1.83E+07	control-Rep II
gij17647529	FBgn0001233	757.4	1512.79	1512.78	0.01	0	46	0.00065	1	GVVDSDELPLNISR	1.92E+07	control-Rep I
gij17647529	FBgn0001233	796.93	1591.85	1591.85	0	0	64	5.60E-06	1	TAGTLTIIDTGIGMTK	1.94E+07	parkin null-Rep I
gij17647529	FBgn0001233	796.94	1591.86	1591.85	0.01	0	74	5.60E-07	1	TAGTLTIIDTGIGMTK	2.11E+07	parkin null-Rep II
gij17647529	FBgn0001233	796.94	1591.86	1591.85	0.01	0	77	2.70E-07	1	TAGTLTIIDTGIGMTK	2.24E+07	control-Rep II
gij17647529	FBgn0001233	796.93	1591.84	1591.85	-0.01	0	64	5.70E-06	1	TAGTLTIIDTGIGMTK	2.67E+07	control-Rep I
gij17647529	FBgn0001233	705.02	2112.04	2112.03	0.01	2	31	0.01	1	TMELIEELTEDKENYKK	6.61E+06	parkin null-Rep I
gij17647529	FBgn0001233	705.02	2112.04	2112.03	0.01	2	34	0.0059	1	TMELIEELTEDKENYKK	6.78E+06	parkin null-Rep II
gij17647529	FBgn0001233	1196.06	2390.11	2390.1	0.01	0	41	0.00052	1	VFIMDNCEDLIPEYLNFMK	2.34E+06	parkin null-Rep II
gij17647529	FBgn0001233	1196.06	2390.1	2390.1	0	0	52	4.20E-05	1	VFIMDNCEDLIPEYLNFMK	2.91E+06	parkin null-Rep I
gij17647529	FBgn0001233	1196.06	2390.11	2390.1	0.01	0	40	0.0007	1	VFIMDNCEDLIPEYLNFMK	3.06E+06	control-Rep II
gij17647529	FBgn0001233	1196.06	2390.11	2390.1	0.01	0	52	4.30E-05	1	VFIMDNCEDLIPEYLNFMK	4.70E+06	control-Rep I
gij24660868	FBgn0001248	729.87	1457.72	1457.72	0.01	0	44	0.00052	1	AGPVVDVLDGEMTR	1.39E+07	control-Rep II
gij24660868	FBgn0001248	729.86	1457.71	1457.72	-0.01	0	45	0.00044	1	AGPVVDVLDGEMTR	1.72E+07	control-Rep I
gij24660868	FBgn0001248	729.87	1457.72	1457.72	0.01	0	56	3.10E-05	1	AGPVVDVLDGEMTR	1.78E+07	parkin null-Rep II
gij24660868	FBgn0001248	729.87	1457.72	1457.72	0	0	56	3.20E-05	1	AGPVVDVLDGEMTR	1.92E+07	parkin null-Rep I
gij24660868	FBgn0001248	825.41	1648.8	1648.79	0	0	87	2.90E-08	1	GTDGQVIDEVINDFK	1.13E+07	parkin null-Rep I
gij24660868	FBgn0001248	825.4	1648.79	1648.79	-0.01	0	74	9.20E-07	1	GTDGQVIDEVINDFK	1.17E+07	control-Rep II
gij24660868	FBgn0001248	825.41	1648.81	1648.79	0.01	0	74	5.60E-07	1	GTDGQVIDEVINDFK	1.24E+07	control-Rep I
gij24660868	FBgn0001248	825.41	1648.8	1648.79	0.01	0	87	2.60E-08	1	GTDGQVIDEVINDFK	1.49E+07	parkin null-Rep II
gij24660868	FBgn0001248	671.34	1340.67	1340.67	0	0	37	0.0049	1	TVEAEAAHGTVTR	1.26E+05	control-Rep II
gij24660868	FBgn0001248	671.34	1340.67	1340.67	0	0	32	0.016	1	TVEAEAAHGTVTR	2.62E+05	parkin null-Rep I
gij418925	FBgn0001942	527.61	1579.81	1579.81	-0.01	0	27	0.031	1	ILESGCHVVVGTGPR	3.59E+06	parkin null-Rep II
gij418925	FBgn0001942	527.61	1579.81	1579.81	-0.01	0	32	0.0086	1	ILESGCHVVVGTGPR	4.36E+06	parkin null-Rep I
gij418925	FBgn0001942	527.61	1579.81	1579.81	-0.01	0	24	0.057	1	ILESGCHVVVGTGPR	5.43E+06	control-Rep II
gij418925	FBgn0001942	769.38	1536.75	1536.75	0	0	68	3.40E-06	1	LFVLDEADEMLSR	8.22E+06	control-Rep II
gij418925	FBgn0001942	769.39	1536.76	1536.75	0.01	0	52	7.80E-05	1	LFVLDEADEMLSR	1.08E+07	parkin null-Rep I
gij418925	FBgn0001942	769.39	1536.77	1536.75	0.02	0	60	1.10E-05	1	LFVLDEADEMLSR	1.13E+07	parkin null-Rep II
gij418925	FBgn0001942	769.38	1536.75	1536.75	0	0	61	9.10E-06	1	LFVLDEADEMLSR	1.40E+07	control-Rep I
gij85042	FBgn0002525	705.33	1408.65	1408.64	0	0	50	0.00012	1	AQYEEQMQRNR	2.47E+06	parkin null-Rep I
gij85042	FBgn0002525	705.33	1408.64	1408.64	0	0	55	1.90E-05	1	AQYEEQMQRNR	2.64E+06	parkin null-Rep II
gij85042	FBgn0002525	705.32	1408.63	1408.64	-0.01	0	59	6.60E-06	1	AQYEEQMQRNR	3.97E+06	control-Rep II
gij85042	FBgn0002525	748.01	2241.01	2241.01	0	0	41	0.00043	1	AVVDESEDHSVADYYVSASAK	1.96E+06	parkin null-Rep II
gij85042	FBgn0002525	748.01	2241.01	2241.01	0	0	34	0.0021	1	AVVDESEDHSVADYYVSASAK	2.89E+06	control-Rep I

gij85042	FBgn0002525	644.35	1286.69	1286.68	0	0	52	0.00019	1	VDLENTIQSLR	4.33E+06	parkin null-Rep II
gij85042	FBgn0002525	644.35	1286.69	1286.68	0	0	68	4.50E-06	1	VDLENTIQSLR	4.66E+06	parkin null-Rep I
gij85042	FBgn0002525	644.35	1286.69	1286.68	0	0	64	1.40E-05	1	VDLENTIQSLR	5.78E+06	control-Rep I
gij17647601	FBgn0002564	530.26	1587.77	1587.77	0	0	27	0.026	1	FVDTKKPGYPFDR	1.18E+07	parkin null-Rep II
gij17647601	FBgn0002564	530.27	1587.78	1587.77	0.01	0	30	0.014	1	FVDTKKPGYPFDR	1.27E+07	parkin null-Rep I
gij2454565	FBgn0002564	775.39	1548.77	1548.75	0.01	0	70	1.40E-06	1	IDEPLMFEEWIK	7.40E+06	control-Rep II
gij2454565	FBgn0002564	775.39	1548.77	1548.75	0.01	0	58	4.80E-05	1	IDEPLMFEEWIK	9.02E+06	control-Rep I
gij17647601	FBgn0002564	775.39	1548.76	1548.75	0.01	0	61	1.60E-05	1	IDEPLMFEEWIK	4.09E+07	parkin null-Rep II
gij17647601	FBgn0002564	775.39	1548.76	1548.75	0.01	0	62	9.80E-06	1	IDEPLMFEEWIK	4.48E+07	parkin null-Rep I
gij17647601	FBgn0002564	751.86	1501.7	1501.69	0.01	0	76	2.20E-07	1	MTFVDGQYIWDK	1.80E+07	parkin null-Rep I
gij17647601	FBgn0002564	751.86	1501.71	1501.69	0.02	0	75	2.50E-07	1	MTFVDGQYIWDK	2.10E+07	parkin null-Rep II
gij17647601	FBgn0002564	1137.6	2273.19	2273.17	0.01	0	80	8.90E-08	1	NFVQIDSFVYPPFIAGTNTIK	4.30E+06	parkin null-Rep II
gij17647601	FBgn0002564	1137.59	2273.17	2273.17	-0.01	0	92	1.20E-08	1	NFVQIDSFVYPPFIAGTNTIK	4.39E+06	parkin null-Rep I
gij17647601	FBgn0002564	895.43	1788.84	1788.84	0.01	0	56	2.20E-05	1	QIDESDFVPNGFFK	1.00E+07	parkin null-Rep II
gij17647601	FBgn0002564	895.44	1788.86	1788.84	0.03	0	50	9.90E-05	1	QIDESDFVPNGFFK	1.05E+07	parkin null-Rep I
gij17647601	FBgn0002564	678.32	2031.94	2031.93	0.01	0	41	0.00052	1	YDFPLDISEPHNAFPDR	3.32E+07	parkin null-Rep II
gij17647601	FBgn0002564	678.32	2031.93	2031.93	0	0	45	0.00023	1	YDFPLDISEPHNAFPDR	3.42E+07	parkin null-Rep I
gij2495185	FBgn0002565	830.44	2488.29	2488.28	0.01	1	58	2.00E-05	1	FDVETINVLGNIIQGNADSVDKK	5.87E+07	control-Rep II
gij2495185	FBgn0002565	830.44	2488.29	2488.28	0.01	1	59	1.70E-05	1	FDVETINVLGNIIQGNADSVDKK	6.93E+07	control-Rep I
gij17864446	FBgn0002565	830.44	2488.29	2488.28	0.01	1	61	1.10E-05	1	FDVETINVLGNIIQGNADSVDKK	9.36E+07	parkin null-Rep II
gij17864446	FBgn0002565	830.44	2488.3	2488.28	0.01	1	65	3.90E-06	1	FDVETINVLGNIIQGNADSVDKK	1.06E+08	parkin null-Rep I
gij2495185	FBgn0002565	586.62	1756.83	1756.83	0	1	25	0.032	1	FKLDQSEAHCGVPNR	1.21E+06	control-Rep I
gij17864446	FBgn0002565	586.62	1756.83	1756.83	0	1	22	0.066	1	FKLDQSEAHCGVPNR	1.41E+06	parkin null-Rep II
gij17864446	FBgn0002565	495.56	1483.66	1483.65	0.01	0	31	0.003	1	HDYYFDVHNFK	7.45E+06	parkin null-Rep II
gij2495185	FBgn0002565	495.56	1483.66	1483.65	0.01	0	33	0.0018	1	HDYYFDVHNFK	9.81E+06	control-Rep I
gij17864446	FBgn0002565	579.26	1156.51	1156.51	0	0	23	0.049	1	LMDATNSDYK	1.16E+05	parkin null-Rep II
gij17864446	FBgn0002565	579.26	1156.51	1156.51	0	0	25	0.028	1	LMDATNSDYK	1.73E+05	parkin null-Rep I
gij2495185	FBgn0002565	945.98	1889.95	1889.95	-0.01	0	39	0.0021	1	LNHKPFEFITLDVTSDK	8.68E+06	control-Rep I
gij17864446	FBgn0002565	630.99	1889.95	1889.95	0	0	38	0.0026	1	LNHKPFEFITLDVTSDK	3.18E+07	parkin null-Rep II
gij17864446	FBgn0002565	630.99	1889.95	1889.95	0	0	47	0.0003	1	LNHKPFEFITLDVTSDK	3.75E+07	parkin null-Rep I
gij2495185	FBgn0002565	956.46	2866.36	2866.36	0	0	35	0.008	1	LSHDLGEVPAFNMYVPTESGYASNLR	5.55E+06	control-Rep II
gij2495185	FBgn0002565	956.47	2866.39	2866.36	0.03	0	47	0.00059	1	LSHDLGEVPAFNMYVPTESGYASNLR	6.99E+06	control-Rep I
gij17864446	FBgn0002565	956.46	2866.35	2866.36	-0.01	0	29	0.017	1	LSHDLGEVPAFNMYVPTESGYASNLR	1.35E+07	parkin null-Rep I
gij2495185	FBgn0002565	682.85	1363.69	1363.69	-0.01	0	24	0.072	1	QMDNIYNVVIR	1.21E+07	control-Rep II
gij2495185	FBgn0002565	682.85	1363.69	1363.69	0	0	25	0.047	1	QMDNIYNVVIR	1.39E+07	control-Rep I
gij17864446	FBgn0002565	682.86	1363.7	1363.69	0	0	28	0.028	1	QMDNIYNVVIR	1.87E+07	parkin null-Rep II
gij17864446	FBgn0002565	406.23	1215.67	1215.67	0	0	51	0.00018	1	VHLEAGVNHK	2.65E+06	parkin null-Rep II
gij2495185	FBgn0002565	406.23	1215.67	1215.67	0	0	48	0.00033	1	VHLEAGVNHK	2.76E+06	control-Rep II
gij2495185	FBgn0002565	406.23	1215.67	1215.67	0	0	48	0.00034	1	VHLEAGVNHK	3.86E+06	control-Rep I

gil17864446	FBgn0002565	406.23	1215.67	1215.67	0	0	52	0.00013	1	VHLEAGVNHK	5.45E+06	parkin null-Rep I
gil17864446	FBgn0002565	458.27	1371.79	1371.77	0.01	1	27	0.074	1	VHLEAGVNHK	3.89E+05	parkin null-Rep II
gil17864446	FBgn0002565	458.26	1371.77	1371.77	0	1	36	0.0033	1	VHLEAGVNHK	8.09E+05	parkin null-Rep I
gil71167	FBgn0002593	895.97	1789.93	1789.9	0.02	0	53	8.50E-05	1	AANVEVEPYWPLFAK	1.49E+07	parkin null-Rep II
gil71167	FBgn0002593	895.97	1789.92	1789.9	0.02	0	57	2.90E-05	1	AANVEVEPYWPLFAK	1.67E+07	control-Rep II
gil71167	FBgn0002593	895.96	1789.91	1789.9	0	0	65	4.60E-06	1	AANVEVEPYWPLFAK	1.92E+07	control-Rep I
gil71167	FBgn0002593	1359.69	2717.37	2717.4	-0.03	0	143	7.80E-14	1	DLITNIGSGVGAAPAGGAAPAAAAAATAESK	5.71E+06	parkin null-Rep II
gil71167	FBgn0002593	1359.7	2717.39	2717.4	-0.01	0	116	3.80E-11	1	DLITNIGSGVGAAPAGGAAPAAAAAATAESK	8.15E+06	control-Rep II
gil71167	FBgn0002593	906.81	2717.41	2717.4	0.01	0	57	2.00E-05	1	DLITNIGSGVGAAPAGGAAPAAAAAATAESK	1.20E+07	control-Rep I
gil482955	FBgn0002741	759.37	2275.1	2275.09	0.01	0	45	0.00033	1	AEDMSNLTLYLNDASVLHNL	3.24E+07	parkin null-Rep II
gil482955	FBgn0002741	759.37	2275.1	2275.09	0.01	0	50	8.60E-05	1	AEDMSNLTLYLNDASVLHNL	3.25E+07	control-Rep II
gil482955	FBgn0002741	759.37	2275.09	2275.09	0	0	52	5.10E-05	1	AEDMSNLTLYLNDASVLHNL	3.88E+07	control-Rep I
gil482955	FBgn0002741	759.37	2275.09	2275.09	0	0	39	0.001	1	AEDMSNLTLYLNDASVLHNL	3.91E+07	parkin null-Rep I
gil482955	FBgn0002741	944.99	1887.96	1887.94	0.02	1	90	1.40E-08	1	AKLEQTLDELEDSL	1.97E+07	control-Rep I
gil482955	FBgn0002741	944.98	1887.95	1887.94	0	1	86	3.50E-08	1	AKLEQTLDELEDSL	2.34E+07	parkin null-Rep I
gil482955	FBgn0002741	944.98	1887.94	1887.94	0	1	81	1.00E-07	1	AKLEQTLDELEDSL	2.45E+07	parkin null-Rep II
gil482955	FBgn0002741	944.99	1887.96	1887.94	0.02	1	86	4.00E-08	1	AKLEQTLDELEDSL	3.28E+07	control-Rep II
gil482955	FBgn0002741	732.36	1462.7	1462.7	0	0	102	6.20E-10	1	ALDSMQASLEAEAK	2.25E+07	control-Rep II
gil482955	FBgn0002741	732.36	1462.7	1462.7	0	0	102	6.70E-10	1	ALDSMQASLEAEAK	2.29E+07	parkin null-Rep II
gil482955	FBgn0002741	732.36	1462.7	1462.7	0	0	102	6.40E-10	1	ALDSMQASLEAEAK	2.62E+07	parkin null-Rep I
gil482955	FBgn0002741	732.36	1462.7	1462.7	0	0	102	7.00E-10	1	ALDSMQASLEAEAK	3.40E+07	control-Rep I
gil482955	FBgn0002741	522.76	1043.51	1043.51	0	0	52	8.00E-05	1	ANAEQVWR	9.87E+06	parkin null-Rep II
gil482955	FBgn0002741	522.76	1043.51	1043.51	-0.01	0	41	0.00069	1	ANAEQVWR	1.76E+07	control-Rep II
gil482955	FBgn0002741	522.77	1043.53	1043.51	0.01	0	42	0.001	1	ANAEQVWR	2.28E+07	parkin null-Rep I
gil482955	FBgn0002741	522.3	1042.59	1042.58	0.01	0	34	0.0093	1	AQLELSQVR	1.12E+06	parkin null-Rep II
gil482955	FBgn0002741	522.3	1042.59	1042.58	0.01	0	46	0.00065	1	AQLELSQVR	1.20E+06	parkin null-Rep I
gil482955	FBgn0002741	522.3	1042.59	1042.58	0.01	0	32	0.015	1	AQLELSQVR	2.68E+06	control-Rep II
gil482955	FBgn0002741	658.34	1314.66	1314.67	0	0	64	5.70E-06	1	DIEDLELNVQK	1.52E+07	control-Rep II
gil482955	FBgn0002741	658.34	1314.66	1314.67	0	0	78	2.00E-07	1	DIEDLELNVQK	1.91E+07	parkin null-Rep II
gil482955	FBgn0002741	658.34	1314.67	1314.67	0	0	77	2.60E-07	1	DIEDLELNVQK	2.21E+07	parkin null-Rep I
gil482955	FBgn0002741	658.34	1314.67	1314.67	0	0	59	3.20E-05	1	DIEDLELNVQK	2.31E+07	control-Rep I
gil482955	FBgn0002741	666.32	1330.63	1330.64	-0.01	0	44	0.00073	1	DIQTALEEEQR	4.12E+06	parkin null-Rep II
gil482955	FBgn0002741	666.33	1330.65	1330.64	0.01	0	41	0.0018	1	DIQTALEEEQR	5.16E+06	parkin null-Rep I
gil482955	FBgn0002741	666.32	1330.63	1330.64	-0.01	0	44	0.00078	1	DIQTALEEEQR	5.66E+06	control-Rep II
gil482955	FBgn0002741	666.33	1330.64	1330.64	0	0	59	1.50E-05	1	DIQTALEEEQR	5.72E+06	control-Rep I
gil482955	FBgn0002741	651.66	1951.96	1951.96	0	0	29	0.017	1	DLEEANIQUESTLANLR	9.15E+07	control-Rep II
gil482955	FBgn0002741	651.66	1951.96	1951.96	0	0	34	0.0053	1	DLEEANIQUESTLANLR	9.85E+07	parkin null-Rep II
gil482955	FBgn0002741	651.66	1951.96	1951.96	0	0	29	0.019	1	DLEEANIQUESTLANLR	1.03E+08	parkin null-Rep I
gil482955	FBgn0002741	651.66	1951.96	1951.96	0	0	34	0.0064	1	DLEEANIQUESTLANLR	1.15E+08	control-Rep I

gii482955	FBgn0002741	666.31	1330.61	1330.6	0.01	0	38	0.0023	1	ELENELDGEQR	1.84E+06	parkin null-Rep II
gii482955	FBgn0002741	666.31	1330.61	1330.6	0.01	0	34	0.0049	1	ELENELDGEQR	2.11E+06	parkin null-Rep I
gii482955	FBgn0002741	666.31	1330.61	1330.6	0.01	0	52	9.10E-05	1	ELENELDGEQR	2.43E+06	control-Rep II
gii482955	FBgn0002741	684.33	1366.65	1366.64	0.01	1	53	9.70E-05	1	ELSFQSEEDRK	1.51E+06	parkin null-Rep II
gii482955	FBgn0002741	684.32	1366.63	1366.64	-0.01	1	31	0.01	1	ELSFQSEEDRK	2.68E+06	parkin null-Rep I
gii482955	FBgn0002741	684.32	1366.63	1366.64	-0.01	1	51	6.10E-05	1	ELSFQSEEDRK	2.70E+06	control-Rep II
gii482955	FBgn0002741	684.32	1366.63	1366.64	-0.01	1	43	0.00047	1	ELSFQSEEDRK	3.44E+06	control-Rep I
gii482955	FBgn0002741	466.25	930.49	930.48	0.01	0	36	0.0082	1	EQLGISER	1.38E+06	control-Rep II
gii482955	FBgn0002741	466.25	930.49	930.48	0.01	0	24	0.15	1	EQLGISER	1.76E+06	control-Rep I
gii482955	FBgn0002741	574.26	1146.51	1146.5	0	0	38	0.0013	1	EQVEEEAEGK	1.79E+05	parkin null-Rep II
gii482955	FBgn0002741	574.26	1146.51	1146.5	0	0	43	0.00043	1	EQVEEEAEGK	5.89E+05	parkin null-Rep I
gii482955	FBgn0002741	574.26	1146.51	1146.5	0	0	24	0.034	1	EQVEEEAEGK	6.90E+05	control-Rep I
gii482955	FBgn0002741	574.26	1146.51	1146.5	0	0	33	0.0035	1	EQVEEEAEGK	7.29E+05	control-Rep II
gii482955	FBgn0002741	789.87	1577.73	1577.73	0	0	68	1.10E-06	1	GAYEEGQEQLEAVR	1.82E+07	parkin null-Rep II
gii482955	FBgn0002741	789.87	1577.73	1577.73	0	0	77	1.70E-07	1	GAYEEGQEQLEAVR	2.52E+07	control-Rep II
gii482955	FBgn0002741	789.87	1577.72	1577.73	-0.01	0	68	9.50E-07	1	GAYEEGQEQLEAVR	2.59E+07	control-Rep I
gii482955	FBgn0002741	789.87	1577.73	1577.73	0	0	82	5.20E-08	1	GAYEEGQEQLEAVR	2.65E+07	parkin null-Rep I
gii482955	FBgn0002741	693.37	1384.73	1384.73	0	0	85	5.10E-08	1	GDIVSVGLQGGVVR	8.08E+06	parkin null-Rep I
gii482955	FBgn0002741	693.37	1384.73	1384.73	0	0	92	1.00E-08	1	GDIVSVGLQGGVVR	9.89E+06	control-Rep II
gii482955	FBgn0002741	693.38	1384.75	1384.73	0.01	0	75	8.60E-07	1	GDIVSVGLQGGVVR	1.03E+07	parkin null-Rep II
gii482955	FBgn0002741	693.37	1384.73	1384.73	-0.01	0	67	5.50E-06	1	GDIVSVGLQGGVVR	1.35E+07	control-Rep I
gii482955	FBgn0002741	572.79	1143.56	1143.56	0	0	33	0.0056	1	GGGFATVSSAYK	7.88E+06	parkin null-Rep I
gii482955	FBgn0002741	572.79	1143.57	1143.56	0.01	0	30	0.013	1	GGGFATVSSAYK	9.26E+06	control-Rep II
gii482955	FBgn0002741	572.78	1143.55	1143.56	-0.01	0	31	0.0072	1	GGGFATVSSAYK	1.15E+07	control-Rep I
gii482955	FBgn0002741	739.38	2215.13	2215.11	0.02	0	84	6.30E-08	1	GSLEDQVVQTNPVLEAFGNAK	1.95E+07	parkin null-Rep II
gii482955	FBgn0002741	1108.57	2215.12	2215.11	0.01	0	96	4.30E-09	1	GSLEDQVVQTNPVLEAFGNAK	2.03E+07	parkin null-Rep I
gii482955	FBgn0002741	1108.57	2215.13	2215.11	0.02	0	85	5.10E-08	1	GSLEDQVVQTNPVLEAFGNAK	2.12E+07	control-Rep II
gii482955	FBgn0002741	1108.57	2215.13	2215.11	0.01	0	96	4.10E-09	1	GSLEDQVVQTNPVLEAFGNAK	2.38E+07	control-Rep I
gii482955	FBgn0002741	956.45	1910.88	1910.88	0	0	115	1.80E-11	1	HNDAVAEMAEQVDQLNK	4.58E+07	parkin null-Rep II
gii482955	FBgn0002741	956.44	1910.86	1910.88	-0.02	0	109	8.90E-11	1	HNDAVAEMAEQVDQLNK	5.04E+07	parkin null-Rep I
gii482955	FBgn0002741	956.45	1910.88	1910.88	0	0	108	1.20E-10	1	HNDAVAEMAEQVDQLNK	5.50E+07	control-Rep II
gii482955	FBgn0002741	956.45	1910.88	1910.88	0	0	122	4.30E-12	1	HNDAVAEMAEQVDQLNK	6.48E+07	control-Rep I
gii482955	FBgn0002741	781.37	2341.09	2341.12	-0.03	0	56	3.50E-05	1	IEDMADMTVLNTPCVLHNLRL	6.21E+06	parkin null-Rep II
gii482955	FBgn0002741	781.38	2341.13	2341.12	0	0	70	1.20E-06	1	IEDMADMTVLNTPCVLHNLRL	1.03E+07	control-Rep II
gii482955	FBgn0002741	781.39	2341.14	2341.12	0.01	0	68	1.70E-06	1	IEDMADMTVLNTPCVLHNLRL	1.33E+07	control-Rep I
gii482955	FBgn0002741	737.85	1473.69	1473.68	0	0	61	8.00E-06	1	IEELEEVEAER	5.25E+07	control-Rep I
gii482955	FBgn0002741	737.85	1473.68	1473.68	-0.01	0	71	5.80E-07	1	IEELEEVEAER	1.08E+08	parkin null-Rep I
gii482955	FBgn0002741	737.85	1473.69	1473.68	0	0	71	7.20E-07	1	IEELEEVEAER	1.18E+08	parkin null-Rep II
gii482955	FBgn0002741	737.85	1473.69	1473.68	0	0	76	2.20E-07	1	IEELEEVEAER	1.25E+08	control-Rep II

gii482955	FBgn0002741	624.84	1247.67	1247.66	0	0	58	3.20E-05	1	ISLTTQLEDTK	2.44E+06	parkin null-Rep II
gii482955	FBgn0002741	624.84	1247.67	1247.66	0	0	57	3.90E-05	1	ISLTTQLEDTK	4.83E+06	control-Rep II
gii482955	FBgn0002741	624.84	1247.67	1247.66	0	0	41	0.0014	1	ISLTTQLEDTK	6.86E+06	control-Rep I
gii482955	FBgn0002741	702.89	1403.76	1403.76	0	1	50	0.00012	1	ISLTTQLEDTKR	3.94E+06	parkin null-Rep II
gii482955	FBgn0002741	702.88	1403.75	1403.76	-0.01	1	46	0.00033	1	ISLTTQLEDTKR	4.08E+06	parkin null-Rep I
gii482955	FBgn0002741	702.89	1403.76	1403.76	0	1	54	5.80E-05	1	ISLTTQLEDTKR	5.93E+06	control-Rep II
gii482955	FBgn0002741	702.89	1403.76	1403.76	0	1	52	9.70E-05	1	ISLTTQLEDTKR	7.49E+06	control-Rep I
gii482955	FBgn0002741	424.89	1271.65	1271.65	0	1	23	0.087	1	KGGGFATVSSAYK	5.28E+05	control-Rep II
gii482955	FBgn0002741	424.89	1271.65	1271.65	0	1	26	0.047	1	KGGGFATVSSAYK	7.31E+05	control-Rep I
gii482955	FBgn0002741	722.07	2163.18	2163.15	0.03	2	39	0.0015	1	KKLEADINELEIALDHANK	2.69E+06	parkin null-Rep II
gii482955	FBgn0002741	722.06	2163.16	2163.15	0.01	2	37	0.0028	1	KKLEADINELEIALDHANK	4.22E+06	control-Rep II
gii482955	FBgn0002741	679.36	2035.07	2035.06	0.01	1	71	1.10E-06	1	KLEADINELEIALDHANK	7.40E+07	parkin null-Rep II
gii482955	FBgn0002741	679.36	2035.06	2035.06	0	1	77	3.10E-07	1	KLEADINELEIALDHANK	8.95E+07	control-Rep II
gii482955	FBgn0002741	679.36	2035.06	2035.06	0	1	71	1.30E-06	1	KLEADINELEIALDHANK	1.02E+08	control-Rep I
gii482955	FBgn0002741	679.36	2035.06	2035.06	0	1	70	1.50E-06	1	KLEADINELEIALDHANK	1.07E+08	parkin null-Rep I
gii482955	FBgn0002741	809.08	2424.23	2424.24	-0.01	1	70	1.00E-06	1	KLESELQTLHSDLDLLENEAK	6.33E+07	control-Rep I
gii482955	FBgn0002741	809.09	2424.26	2424.24	0.02	1	71	9.80E-07	1	KLESELQTLHSDLDLLENEAK	6.45E+07	parkin null-Rep II
gii482955	FBgn0002741	809.1	2424.26	2424.24	0.03	1	85	3.50E-08	1	KLESELQTLHSDLDLLENEAK	6.77E+07	control-Rep II
gii482955	FBgn0002741	809.09	2424.24	2424.24	0	1	64	4.60E-06	1	KLESELQTLHSDLDLLENEAK	7.65E+07	parkin null-Rep I
gii482955	FBgn0002741	787.9	1573.79	1573.78	0.01	0	74	6.20E-07	1	LAEAEETIESLNQK	3.58E+07	parkin null-Rep II
gii482955	FBgn0002741	787.9	1573.79	1573.78	0	0	80	1.40E-07	1	LAEAEETIESLNQK	4.27E+07	control-Rep II
gii482955	FBgn0002741	787.9	1573.79	1573.78	0.01	0	62	1.10E-05	1	LAEAEETIESLNQK	4.46E+07	parkin null-Rep I
gii482955	FBgn0002741	787.9	1573.79	1573.78	0	0	74	5.10E-07	1	LAEAEETIESLNQK	5.74E+07	control-Rep I
gii482955	FBgn0002741	718.39	1434.77	1434.76	0	0	62	1.90E-05	1	LAGADIETYLLEK	6.10E+06	control-Rep II
gii482955	FBgn0002741	718.39	1434.77	1434.76	0	0	76	7.10E-07	1	LAGADIETYLLEK	9.92E+06	parkin null-Rep I
gii482955	FBgn0002741	718.39	1434.77	1434.76	0.01	0	75	4.30E-07	1	LAGADIETYLLEK	1.09E+07	parkin null-Rep II
gii482955	FBgn0002741	718.39	1434.77	1434.76	0.01	0	79	2.00E-07	1	LAGADIETYLLEK	1.24E+07	control-Rep I
gii482955	FBgn0002741	537.28	1072.55	1072.54	0.01	0	38	0.0063	1	LDEAEANALK	2.46E+05	control-Rep I
gii482955	FBgn0002741	537.28	1072.55	1072.54	0.01	0	42	0.0022	1	LDEAEANALK	4.87E+05	control-Rep II
gii482955	FBgn0002741	537.28	1072.55	1072.54	0.01	0	46	0.00082	1	LDEAEANALK	5.48E+05	parkin null-Rep II
gii482955	FBgn0002741	537.28	1072.55	1072.54	0.01	0	46	0.00096	1	LDEAEANALK	5.49E+05	parkin null-Rep I
gii482955	FBgn0002741	636.66	1906.96	1906.96	-0.01	0	23	0.07	1	LEADINELEIALDHANK	5.16E+06	parkin null-Rep II
gii482955	FBgn0002741	636.67	1906.98	1906.96	0.01	0	27	0.03	1	LEADINELEIALDHANK	5.56E+06	parkin null-Rep I
gii482955	FBgn0002741	636.66	1906.96	1906.96	-0.01	0	22	0.089	1	LEADINELEIALDHANK	6.91E+06	control-Rep II
gii482955	FBgn0002741	934.12	2799.34	2799.33	0.01	1	48	0.00014	1	LEAEKDELQAALAEAEAALEQEENK	6.84E+06	control-Rep I
gii482955	FBgn0002741	934.13	2799.35	2799.33	0.02	1	79	1.30E-07	1	LEAEKDELQAALAEAEAALEQEENK	2.51E+07	parkin null-Rep I
gii482955	FBgn0002741	934.13	2799.36	2799.33	0.03	1	72	6.70E-07	1	LEAEKDELQAALAEAEAALEQEENK	3.46E+07	parkin null-Rep II
gii482955	FBgn0002741	934.13	2799.36	2799.33	0.03	1	77	2.30E-07	1	LEAEKDELQAALAEAEAALEQEENK	4.71E+07	control-Rep II
gii482955	FBgn0002741	586.33	1170.65	1170.65	0	0	58	3.40E-05	1	LEDEQVVVLK	2.34E+07	parkin null-Rep II

gil482955	FBgn0002741	586.33	1170.65	1170.65	0	0	53	0.00011	1	LEDEQVVVLK	3.52E+07	control-Rep II
gil482955	FBgn0002741	586.33	1170.65	1170.65	0	0	54	7.10E-05	1	LEDEQVVVLK	3.57E+07	parkin null-Rep I
gil482955	FBgn0002741	586.33	1170.65	1170.65	0	0	52	9.90E-05	1	LEDEQVVVLK	4.91E+07	control-Rep I
gil482955	FBgn0002741	815.92	1629.82	1629.82	0	0	84	7.10E-08	1	LEEAGGATSAQIELNK	4.01E+07	parkin null-Rep I
gil482955	FBgn0002741	815.92	1629.83	1629.82	0.01	0	83	8.90E-08	1	LEEAGGATSAQIELNK	4.22E+07	parkin null-Rep II
gil482955	FBgn0002741	815.92	1629.82	1629.82	0	0	81	1.60E-07	1	LEEAGGATSAQIELNK	4.57E+07	control-Rep II
gil482955	FBgn0002741	815.92	1629.82	1629.82	0	0	90	1.70E-08	1	LEEAGGATSAQIELNK	4.77E+07	control-Rep I
gil482955	FBgn0002741	845.41	1688.81	1688.81	0	0	53	9.20E-05	1	LEQTLDELEDSLK	1.16E+07	control-Rep I
gil482955	FBgn0002741	845.41	1688.8	1688.81	-0.01	0	54	4.50E-05	1	LEQTLDELEDSLK	1.76E+07	parkin null-Rep II
gil482955	FBgn0002741	845.41	1688.81	1688.81	0	0	44	0.00043	1	LEQTLDELEDSLK	1.89E+07	parkin null-Rep I
gil482955	FBgn0002741	845.42	1688.82	1688.81	0.01	0	75	3.90E-07	1	LEQTLDELEDSLK	2.05E+07	control-Rep II
gil482955	FBgn0002741	766.39	2296.16	2296.14	0.01	0	58	2.10E-05	1	LESELQTLHSDLDLLEAK	7.19E+06	control-Rep I
gil482955	FBgn0002741	766.39	2296.16	2296.14	0.01	0	61	1.10E-05	1	LESELQTLHSDLDLLEAK	9.26E+06	control-Rep II
gil482955	FBgn0002741	808.43	1614.85	1614.85	0	1	88	2.40E-08	1	LKVDDLAELDASQK	4.94E+07	parkin null-Rep II
gil482955	FBgn0002741	808.43	1614.85	1614.85	0	1	91	1.30E-08	1	LKVDDLAELDASQK	5.89E+07	control-Rep II
gil482955	FBgn0002741	808.43	1614.85	1614.85	0.01	1	99	2.40E-09	1	LKVDDLAELDASQK	6.01E+07	parkin null-Rep I
gil482955	FBgn0002741	808.43	1614.85	1614.85	0	1	94	6.80E-09	1	LKVDDLAELDASQK	7.06E+07	control-Rep I
gil482955	FBgn0002741	580.32	1158.63	1158.62	0	0	54	0.00012	1	LSIENS DLLR	1.14E+07	parkin null-Rep II
gil482955	FBgn0002741	580.32	1158.63	1158.62	0	0	68	5.00E-06	1	LSIENS DLLR	1.40E+07	parkin null-Rep I
gil482955	FBgn0002741	580.32	1158.63	1158.62	0	0	72	2.00E-06	1	LSIENS DLLR	1.49E+07	control-Rep I
gil482955	FBgn0002741	580.32	1158.63	1158.62	0	0	67	6.60E-06	1	LSIENS DLLR	1.57E+07	control-Rep II
gil482955	FBgn0002741	823.42	1644.83	1644.82	0	0	36	0.0065	1	LSTEVEDLQLEVDR	1.56E+06	control-Rep II
gil482955	FBgn0002741	823.42	1644.83	1644.82	0	0	44	0.0011	1	LSTEVEDLQLEVDR	3.80E+06	parkin null-Rep II
gil482955	FBgn0002741	823.42	1644.83	1644.82	0	0	62	1.90E-05	1	LSTEVEDLQLEVDR	3.93E+06	control-Rep I
gil482955	FBgn0002741	622.83	1243.64	1243.64	0	0	64	6.60E-06	1	LTQEAVADLER	3.28E+07	parkin null-Rep II
gil482955	FBgn0002741	622.83	1243.64	1243.64	0	0	72	9.60E-07	1	LTQEAVADLER	4.63E+07	parkin null-Rep I
gil482955	FBgn0002741	622.83	1243.64	1243.64	0	0	72	1.20E-06	1	LTQEAVADLER	5.10E+07	control-Rep II
gil482955	FBgn0002741	622.83	1243.64	1243.64	0	0	57	3.30E-05	1	LTQEAVADLER	5.93E+07	control-Rep I
gil482955	FBgn0002741	648	1940.98	1940.98	0	1	50	0.00016	1	NLADEVKDLLDQIGEGGR	3.71E+06	control-Rep I
gil482955	FBgn0002741	648	1940.98	1940.98	0	1	48	0.0002	1	NLADEVKDLLDQIGEGGR	4.52E+06	parkin null-Rep I
gil482955	FBgn0002741	648.01	1941	1940.98	0.02	1	57	3.00E-05	1	NLADEVKDLLDQIGEGGR	5.04E+06	parkin null-Rep II
gil482955	FBgn0002741	648.01	1940.99	1940.98	0.01	1	42	0.00091	1	NLADEVKDLLDQIGEGGR	7.14E+06	control-Rep II
gil482955	FBgn0002741	951.46	2851.36	2851.36	0	0	80	8.60E-08	1	QAEQELADAHEQLNEVSAQNASISAAK	7.23E+07	parkin null-Rep I
gil482955	FBgn0002741	951.46	2851.36	2851.36	0	0	71	6.00E-07	1	QAEQELADAHEQLNEVSAQNASISAAK	8.84E+07	parkin null-Rep II
gil482955	FBgn0002741	951.46	2851.36	2851.36	0	0	67	1.70E-06	1	QAEQELADAHEQLNEVSAQNASISAAK	9.30E+07	control-Rep II
gil482955	FBgn0002741	951.46	2851.36	2851.36	0	0	71	7.10E-07	1	QAEQELADAHEQLNEVSAQNASISAAK	1.01E+08	control-Rep I
gil482955	FBgn0002741	821.45	1640.89	1640.86	0.02	0	44	0.00069	1	QIEEAEIIAALNLAK	3.37E+06	parkin null-Rep II
gil482955	FBgn0002741	821.45	1640.89	1640.86	0.02	0	61	1.60E-05	1	QIEEAEIIAALNLAK	8.13E+06	control-Rep I
gil482955	FBgn0002741	788.39	1574.77	1574.78	-0.01	0	86	5.80E-08	1	QLEEAESQVSQLSK	5.85E+06	control-Rep II

gii482955	FBgn0002741	788.39	1574.77	1574.78	-0.01	0	100	2.60E-09	1	QLEEAESQVSQLSK	8.54E+06	control-Rep I
gii482955	FBgn0002741	986.16	2955.46	2955.43	0.03	2	87	2.30E-08	1	RLEAEKDELQAALEEEAAALEQEENK	3.20E+06	control-Rep I
gii482955	FBgn0002741	986.16	2955.45	2955.43	0.02	2	97	2.20E-09	1	RLEAEKDELQAALEEEAAALEQEENK	1.66E+07	parkin null-Rep II
gii482955	FBgn0002741	986.16	2955.46	2955.43	0.03	2	97	2.30E-09	1	RLEAEKDELQAALEEEAAALEQEENK	2.04E+07	control-Rep II
gii482955	FBgn0002741	1003.49	3007.44	3007.46	-0.02	1	78	1.70E-07	1	RQAEQELADAHEQLNEVSAQNASISAAK	2.04E+07	parkin null-Rep II
gii482955	FBgn0002741	1003.49	3007.45	3007.46	0	1	84	4.00E-08	1	RQAEQELADAHEQLNEVSAQNASISAAK	2.40E+07	parkin null-Rep I
gii482955	FBgn0002741	1003.49	3007.46	3007.46	0	1	69	1.50E-06	1	RQAEQELADAHEQLNEVSAQNASISAAK	2.63E+07	control-Rep I
gii482955	FBgn0002741	811.09	2430.26	2430.24	0.02	1	53	5.50E-05	1	SKGSLEDQVVQTNPVLEAFGNAK	1.20E+07	parkin null-Rep II
gii482955	FBgn0002741	811.09	2430.26	2430.24	0.02	1	65	3.70E-06	1	SKGSLEDQVVQTNPVLEAFGNAK	1.37E+07	control-Rep II
gii482955	FBgn0002741	811.09	2430.25	2430.24	0.01	1	63	4.90E-06	1	SKGSLEDQVVQTNPVLEAFGNAK	1.96E+07	control-Rep I
gii482955	FBgn0002741	637.33	1908.96	1908.95	0	1	62	1.00E-05	1	TGEELQAAEDKINHLNK	6.10E+06	parkin null-Rep II
gii482955	FBgn0002741	637.32	1908.94	1908.95	-0.02	1	51	0.00024	1	TGEELQAAEDKINHLNK	6.85E+06	parkin null-Rep I
gii482955	FBgn0002741	637.33	1908.96	1908.95	0.01	1	48	0.00023	1	TGEELQAAEDKINHLNK	7.29E+06	control-Rep II
gii482955	FBgn0002741	687.84	1373.67	1373.67	0	0	77	2.70E-07	1	VDDLAAELDASQK	2.75E+07	parkin null-Rep II
gii482955	FBgn0002741	687.84	1373.67	1373.67	0	0	87	2.90E-08	1	VDDLAAELDASQK	3.12E+07	parkin null-Rep I
gii482955	FBgn0002741	687.84	1373.67	1373.67	0	0	71	1.10E-06	1	VDDLAAELDASQK	3.17E+07	control-Rep II
gii482955	FBgn0002741	687.84	1373.67	1373.67	0	0	63	6.80E-06	1	VDDLAAELDASQK	3.46E+07	control-Rep I
gii482955	FBgn0002741	530.29	1058.57	1058.57	-0.01	0	44	0.0018	1	VISQQSLER	8.46E+05	control-Rep II
gii482955	FBgn0002741	530.29	1058.57	1058.57	-0.01	0	29	0.049	1	VISQQSLER	1.10E+06	parkin null-Rep I
gii482955	FBgn0002741	530.29	1058.57	1058.57	-0.01	0	40	0.004	1	VISQQSLER	1.43E+06	control-Rep I
gii482955	FBgn0002741	847.92	1693.82	1693.82	0.01	0	82	8.00E-08	1	VLIESTELNDDQYR	1.65E+07	control-Rep II
gii482955	FBgn0002741	847.91	1693.81	1693.82	0	0	69	1.60E-06	1	VLIESTELNDDQYR	1.92E+07	parkin null-Rep II
gii482955	FBgn0002741	847.92	1693.83	1693.82	0.02	0	49	0.00015	1	VLIESTELNDDQYR	2.09E+07	control-Rep I
gii482955	FBgn0002741	849.96	1697.91	1697.9	0.01	0	54	5.90E-05	1	YQILNPAGIVGVDDPK	1.34E+07	parkin null-Rep I
gii482955	FBgn0002741	849.96	1697.91	1697.9	0.01	0	55	4.30E-05	1	YQILNPAGIVGVDDPK	1.41E+07	parkin null-Rep II
gii482955	FBgn0002741	849.96	1697.91	1697.9	0.01	0	51	0.00012	1	YQILNPAGIVGVDDPK	1.84E+07	control-Rep I
gii482955	FBgn0002741	849.96	1697.9	1697.9	0	0	65	4.50E-06	1	YQILNPAGIVGVDDPK	2.00E+07	control-Rep II
gii482955	FBgn0002741	609.67	1826	1825.99	0	1	35	0.003	1	YQILNPAGIVGVDDPKK	9.93E+06	parkin null-Rep II
gii482955	FBgn0002741	609.67	1826	1825.99	0.01	1	43	0.00052	1	YQILNPAGIVGVDDPKK	1.18E+07	control-Rep II
gii482955	FBgn0002741	609.68	1826.01	1825.99	0.01	1	34	0.0034	1	YQILNPAGIVGVDDPKK	1.34E+07	parkin null-Rep I
gii482955	FBgn0002741	609.67	1825.99	1825.99	0	1	40	0.0011	1	YQILNPAGIVGVDDPKK	1.77E+07	control-Rep I
gii17136340	FBgn0002772	705.42	1408.83	1408.83	0.01	0	49	6.10E-05	1	ALNLNPTLALIEK	1.89E+08	control-Rep II
gii17136340	FBgn0002772	705.42	1408.84	1408.83	0.01	0	50	4.90E-05	1	ALNLNPTLALIEK	1.98E+08	parkin null-Rep II
gii17136340	FBgn0002772	705.42	1408.83	1408.83	0	0	53	2.10E-05	1	ALNLNPTLALIEK	2.01E+08	parkin null-Rep I
gii17136340	FBgn0002772	705.42	1408.83	1408.83	0	0	47	7.00E-05	1	ALNLNPTLALIEK	2.29E+08	control-Rep I
gii17136340	FBgn0002772	845.86	1689.71	1689.7	0	0	32	0.001	1	EQGCYEDFIECLK	8.06E+06	control-Rep II
gii17136340	FBgn0002772	845.86	1689.71	1689.7	0	0	37	0.00029	1	EQGCYEDFIECLK	8.30E+06	parkin null-Rep II
gii17136340	FBgn0002772	845.86	1689.71	1689.7	0	0	26	0.0042	1	EQGCYEDFIECLK	8.33E+06	control-Rep I
gii17136340	FBgn0002772	726.4	1450.78	1450.77	0.01	0	67	2.80E-06	1	LDEFLLPIYSQVK	7.57E+07	control-Rep II

gij17136340	FBgn0002772	726.4	1450.78	1450.77	0.01	0	58	2.70E-05	1	LDEFLPIYSQVK	8.09E+07	parkin null-Rep II
gij17136340	FBgn0002772	726.4	1450.78	1450.77	0.01	0	62	8.90E-06	1	LDEFLPIYSQVK	8.17E+07	parkin null-Rep I
gij17136340	FBgn0002772	726.4	1450.78	1450.77	0.01	0	57	3.40E-05	1	LDEFLPIYSQVK	9.44E+07	control-Rep I
gij17933672	FBgn0002773	875.94	1749.86	1749.86	0	1	71	1.10E-06	1	EAFQLMDADKDGHIK	3.70E+07	control-Rep II
gij17933672	FBgn0002773	584.3	1749.87	1749.86	0	1	28	0.023	1	EAFQLMDADKDGHIK	3.87E+07	parkin null-Rep II
gij17933672	FBgn0002773	875.94	1749.86	1749.86	0	1	80	1.40E-07	1	EAFQLMDADKDGHIK	4.03E+07	parkin null-Rep I
gij17933672	FBgn0002773	875.93	1749.85	1749.86	-0.01	1	68	2.00E-06	1	EAFQLMDADKDGHIK	4.38E+07	control-Rep I
gij17933672	FBgn0002773	934.43	1866.85	1866.87	-0.01	0	115	2.30E-11	1	MATSGANDEDEVVIAAFK	3.01E+07	control-Rep II
gij17933672	FBgn0002773	934.44	1866.88	1866.87	0.01	0	99	1.10E-09	1	MATSGANDEDEVVIAAFK	3.83E+07	parkin null-Rep I
gij17933672	FBgn0002773	934.44	1866.87	1866.87	0	0	108	1.20E-10	1	MATSGANDEDEVVIAAFK	4.14E+07	parkin null-Rep II
gij17933672	FBgn0002773	934.45	1866.88	1866.87	0.01	0	110	8.20E-11	1	MATSGANDEDEVVIAAFK	4.31E+07	control-Rep I
gij17933672	FBgn0002773	1125.19	3372.56	3372.58	-0.02	1	72	3.30E-07	1	TKEEGGTSETASEAASEAATPAPAATPAPAASATGSK	2.03E+07	control-Rep I
gij17933672	FBgn0002773	1125.2	3372.58	3372.58	0	1	76	1.50E-07	1	TKEEGGTSETASEAASEAATPAPAATPAPAASATGSK	2.32E+07	control-Rep II
gij17933672	FBgn0002773	1125.2	3372.58	3372.58	0	1	74	2.40E-07	1	TKEEGGTSETASEAASEAATPAPAATPAPAASATGSK	2.66E+07	parkin null-Rep II
gij8230	FBgn0002789	672.36	1342.71	1342.72	-0.01	0	61	2.30E-05	1	AGQTIIVGLQAGSNK	2.02E+06	parkin null-Rep I
gij8230	FBgn0002789	672.37	1342.72	1342.72	0	0	68	2.50E-06	1	AGQTIIVGLQAGSNK	2.28E+06	parkin null-Rep II
gij8230	FBgn0002789	672.37	1342.72	1342.72	0	0	77	3.80E-07	1	AGQTIIVGLQAGSNK	2.81E+06	control-Rep II
gij8230	FBgn0002789	672.37	1342.73	1342.72	0.01	0	60	3.40E-05	1	AGQTIIVGLQAGSNK	4.25E+06	control-Rep I
gij8230	FBgn0002789	800.74	2399.2	2399.18	0.02	2	78	2.10E-07	1	RNPEMDKEAQEWIEAIAEK	4.10E+05	parkin null-Rep I
gij8230	FBgn0002789	800.74	2399.2	2399.18	0.02	2	53	6.90E-05	1	RNPEMDKEAQEWIEAIAEK	2.50E+06	control-Rep I
gij2944333	FBgn0002921	695.35	1388.69	1388.68	0.01	0	67	3.60E-06	1	DVSSDQLDEILR	2.36E+07	parkin null-Rep II
gij2944333	FBgn0002921	695.35	1388.68	1388.68	0	0	59	1.60E-05	1	DVSSDQLDEILR	2.75E+07	control-Rep II
gij2944333	FBgn0002921	695.35	1388.69	1388.68	0.01	0	30	0.032	1	DVSSDQLDEILR	2.81E+07	parkin null-Rep I
gij2944333	FBgn0002921	695.34	1388.67	1388.68	-0.01	0	61	7.80E-06	1	DVSSDQLDEILR	2.96E+07	control-Rep I
gij2944333	FBgn0002921	885.92	1769.82	1769.8	0.01	0	80	7.30E-08	1	EAFNNAYMELGGLGER	4.65E+07	parkin null-Rep II
gij2944333	FBgn0002921	885.91	1769.81	1769.8	0.01	0	85	2.20E-08	1	EAFNNAYMELGGLGER	5.18E+07	control-Rep II
gij2944333	FBgn0002921	885.91	1769.81	1769.8	0	0	85	2.10E-08	1	EAFNNAYMELGGLGER	5.68E+07	control-Rep I
gij2944333	FBgn0002921	885.91	1769.81	1769.8	0.01	0	74	2.90E-07	1	EAFNNAYMELGGLGER	5.82E+07	parkin null-Rep I
gij2944333	FBgn0002921	657.99	1970.95	1970.96	-0.01	1	44	0.00036	1	ENLDDLKQELDIDFHK	1.23E+07	control-Rep II
gij2944333	FBgn0002921	657.99	1970.95	1970.96	-0.01	1	37	0.002	1	ENLDDLKQELDIDFHK	1.51E+07	parkin null-Rep II
gij2944333	FBgn0002921	658	1970.98	1970.96	0.02	1	21	0.098	1	ENLDDLKQELDIDFHK	1.66E+07	control-Rep I
gij2944333	FBgn0002921	657.99	1970.95	1970.96	-0.01	1	31	0.0075	1	ENLDDLKQELDIDFHK	2.12E+07	parkin null-Rep I
gij2944333	FBgn0002921	645.33	1288.65	1288.65	-0.01	0	53	0.00014	1	EVSGDASEAALLK	2.59E+07	parkin null-Rep II
gij2944333	FBgn0002921	645.34	1288.66	1288.65	0.01	0	54	6.80E-05	1	EVSGDASEAALLK	3.71E+07	parkin null-Rep I
gij2944333	FBgn0002921	645.33	1288.65	1288.65	0	0	57	3.30E-05	1	EVSGDASEAALLK	3.71E+07	control-Rep II
gij2944333	FBgn0002921	645.33	1288.65	1288.65	0	0	54	7.40E-05	1	EVSGDASEAALLK	3.98E+07	control-Rep I
gij2944333	FBgn0002921	847.42	1692.82	1692.81	0.01	0	72	6.30E-07	1	FNTDDINFPIDNLR	6.11E+07	parkin null-Rep II
gij2944333	FBgn0002921	847.42	1692.82	1692.81	0.01	0	77	1.90E-07	1	FNTDDINFPIDNLR	7.39E+07	control-Rep II
gij2944333	FBgn0002921	847.42	1692.82	1692.81	0.01	0	97	2.30E-09	1	FNTDDINFPIDNLR	7.44E+07	parkin null-Rep I

gil2944333	FBgn0002921	847.41	1692.81	1692.81	0	0	92	5.80E-09	1	FNTDDINFPIDNLR	7.63E+07	control-Rep I
gil2944333	FBgn0002921	681.85	1361.68	1361.68	0	0	64	5.90E-06	1	FVGLMSMIDPPR	3.53E+07	parkin null-Rep II
gil2944333	FBgn0002921	681.85	1361.69	1361.68	0.01	0	66	4.10E-06	1	FVGLMSMIDPPR	4.76E+07	parkin null-Rep I
gil2944333	FBgn0002921	681.85	1361.69	1361.68	0	0	68	2.60E-06	1	FVGLMSMIDPPR	4.79E+07	control-Rep II
gil2944333	FBgn0002921	681.85	1361.69	1361.68	0	0	54	5.80E-05	1	FVGLMSMIDPPR	5.98E+07	control-Rep I
gil2944333	FBgn0002921	744.37	1486.72	1486.7	0.02	0	67	2.60E-06	1	GVVISCGDHTVMGR	2.57E+06	parkin null-Rep II
gil2944333	FBgn0002921	744.35	1486.7	1486.7	-0.01	0	69	1.00E-06	1	GVVISCGDHTVMGR	3.92E+06	control-Rep I
gil2944333	FBgn0002921	744.36	1486.71	1486.7	0.01	0	71	8.70E-07	1	GVVISCGDHTVMGR	4.96E+06	control-Rep II
gil2944333	FBgn0002921	744.35	1486.69	1486.7	-0.01	0	86	2.30E-08	1	GVVISCGDHTVMGR	5.40E+06	parkin null-Rep I
gil2944333	FBgn0002921	807.44	1612.87	1612.87	0	0	57	3.40E-05	1	IAGLASGLDTGETPIAK	2.79E+07	parkin null-Rep I
gil2944333	FBgn0002921	807.44	1612.87	1612.87	0	0	55	5.20E-05	1	IAGLASGLDTGETPIAK	2.95E+07	parkin null-Rep II
gil2944333	FBgn0002921	807.44	1612.87	1612.87	0.01	0	76	3.80E-07	1	IAGLASGLDTGETPIAK	3.39E+07	control-Rep II
gil2944333	FBgn0002921	807.44	1612.87	1612.87	0	0	63	8.50E-06	1	IAGLASGLDTGETPIAK	3.48E+07	control-Rep I
gil2944333	FBgn0002921	809.93	1617.85	1617.84	0.01	1	106	3.90E-10	1	KADIGVAMGIAGSDVSK	1.85E+07	parkin null-Rep II
gil2944333	FBgn0002921	809.93	1617.84	1617.84	0	1	99	2.00E-09	1	KADIGVAMGIAGSDVSK	2.55E+07	control-Rep II
gil2944333	FBgn0002921	809.93	1617.84	1617.84	0	1	106	3.60E-10	1	KADIGVAMGIAGSDVSK	2.69E+07	parkin null-Rep I
gil2944333	FBgn0002921	809.93	1617.84	1617.84	0	1	108	2.40E-10	1	KADIGVAMGIAGSDVSK	2.70E+07	control-Rep I
gil2944333	FBgn0002921	544.3	1086.59	1086.59	0	0	23	0.17	1	LIIVEGCQR	7.33E+06	parkin null-Rep I
gil2944333	FBgn0002921	544.3	1086.58	1086.59	0	0	37	0.004	1	LIIVEGCQR	7.75E+06	control-Rep II
gil2944333	FBgn0002921	907.97	1813.92	1813.92	-0.01	0	93	6.50E-09	1	MGAIVAVTGDGVNDSPALK	2.98E+07	control-Rep I
gil2944333	FBgn0002921	907.97	1813.93	1813.92	0.01	0	96	3.70E-09	1	MGAIVAVTGDGVNDSPALK	3.20E+07	parkin null-Rep II
gil2944333	FBgn0002921	907.97	1813.93	1813.92	0	0	114	5.30E-11	1	MGAIVAVTGDGVNDSPALK	3.28E+07	parkin null-Rep I
gil2944333	FBgn0002921	907.97	1813.93	1813.92	0	0	104	6.10E-10	1	MGAIVAVTGDGVNDSPALK	3.57E+07	control-Rep II
gil2944333	FBgn0002921	962.96	1923.9	1923.91	-0.01	0	91	6.70E-09	1	NLEAVETLGGTSTICSDDK	3.36E+06	control-Rep I
gil2944333	FBgn0002921	962.97	1923.93	1923.91	0.02	0	93	4.90E-09	1	NLEAVETLGGTSTICSDDK	4.26E+06	control-Rep II
gil2944333	FBgn0002921	962.97	1923.93	1923.91	0.02	0	89	1.20E-08	1	NLEAVETLGGTSTICSDDK	4.27E+06	parkin null-Rep II
gil2944333	FBgn0002921	638.35	1274.69	1274.68	0	0	39	0.0036	1	NMVPQFATVIR	1.98E+07	parkin null-Rep I
gil2944333	FBgn0002921	638.35	1274.68	1274.68	0	0	43	0.00097	1	NMVPQFATVIR	2.03E+07	control-Rep II
gil2944333	FBgn0002921	638.35	1274.69	1274.68	0	0	24	0.13	1	NMVPQFATVIR	2.07E+07	control-Rep I
gil2944333	FBgn0002921	638.35	1274.69	1274.68	0.01	0	27	0.038	1	NMVPQFATVIR	2.18E+07	parkin null-Rep II
gil2944333	FBgn0002921	806.88	1611.74	1611.73	0.01	1	36	0.0017	1	RNPGGWLEQETYY	2.18E+07	parkin null-Rep II
gil2944333	FBgn0002921	806.88	1611.74	1611.73	0.01	1	27	0.013	1	RNPGGWLEQETYY	2.26E+07	control-Rep I
gil2944333	FBgn0002921	806.87	1611.73	1611.73	0	1	23	0.034	1	RNPGGWLEQETYY	2.32E+07	control-Rep II
gil2944333	FBgn0002921	806.87	1611.73	1611.73	0	1	43	0.0003	1	RNPGGWLEQETYY	2.50E+07	parkin null-Rep I
gil2944333	FBgn0002921	958.98	1915.95	1915.95	0	0	103	7.30E-10	1	SVGIISEGNETVEDIAQR	3.01E+07	parkin null-Rep II
gil2944333	FBgn0002921	958.98	1915.95	1915.95	0	0	86	3.60E-08	1	SVGIISEGNETVEDIAQR	3.20E+07	parkin null-Rep I
gil2944333	FBgn0002921	958.98	1915.94	1915.95	-0.01	0	111	1.20E-10	1	SVGIISEGNETVEDIAQR	3.34E+07	control-Rep II
gil2944333	FBgn0002921	958.99	1915.96	1915.95	0.02	0	116	3.80E-11	1	SVGIISEGNETVEDIAQR	3.57E+07	control-Rep I
gil2944333	FBgn0002921	803.37	1604.73	1604.73	0	0	43	0.00049	1	VDNSSLTGESEPPQR	1.49E+05	control-Rep I

gij2944333	FBgn0002921	803.37	1604.73	1604.73	0	0	42	0.00049	1	VDNSSLTGESEPPQSR	3.39E+05	parkin null-Rep I
gij2944333	FBgn0002921	803.37	1604.73	1604.73	0	0	32	0.0053	1	VDNSSLTGESEPPQSR	3.53E+05	control-Rep II
gij2944333	FBgn0002921	745.7	2234.07	2234.05	0.01	1	36	0.0041	1	VLGFCDFMLPSDKYPNGFK	1.81E+07	parkin null-Rep II
gij2944333	FBgn0002921	745.69	2234.06	2234.05	0.01	1	48	0.00025	1	VLGFCDFMLPSDKYPNGFK	2.17E+07	control-Rep II
gij2944333	FBgn0002921	745.69	2234.06	2234.05	0	1	42	0.00099	1	VLGFCDFMLPSDKYPNGFK	2.32E+07	parkin null-Rep I
gij2944333	FBgn0002921	745.7	2234.07	2234.05	0.01	1	38	0.0025	1	VLGFCDFMLPSDKYPNGFK	2.38E+07	control-Rep I
gij2944333	FBgn0002921	601.94	1802.81	1802.81	0	0	34	0.0024	1	YQVSIHETEDTNDPR	6.16E+07	parkin null-Rep II
gij2944333	FBgn0002921	601.94	1802.81	1802.81	0	0	43	0.00026	1	YQVSIHETEDTNDPR	7.56E+07	parkin null-Rep I
gij2944333	FBgn0002921	601.94	1802.81	1802.81	0	0	44	0.00026	1	YQVSIHETEDTNDPR	9.60E+07	control-Rep II
gij2944333	FBgn0002921	601.94	1802.81	1802.81	0	0	36	0.0013	1	YQVSIHETEDTNDPR	9.61E+07	control-Rep I
gij84873	FBgn0002938	564.34	1126.67	1126.67	0	0	25	0.026	1	ALGVLDTVIAR	7.82E+06	parkin null-Rep II
gij84873	FBgn0002938	564.35	1126.69	1126.67	0.01	0	27	0.02	1	ALGVLDTVIAR	9.23E+06	parkin null-Rep I
gij84873	FBgn0002938	564.35	1126.68	1126.67	0.01	0	24	0.037	1	ALGVLDTVIAR	1.15E+07	control-Rep II
gij84872	FBgn0002938	564.35	1126.68	1126.67	0.01	0	30	0.0088	1	ALGVLDTVIAR	1.55E+07	control-Rep I
gij84873	FBgn0002938	1008.95	2015.89	2015.87	0.01	0	37	0.00064	1	DYCDHPNLPEFYGVYK	1.42E+06	parkin null-Rep I
gij84872	FBgn0002938	672.97	2015.89	2015.87	0.02	0	34	0.0012	1	DYCDHPNLPEFYGVYK	4.11E+06	control-Rep I
gij84873	FBgn0002938	815.9	1629.79	1629.8	-0.01	0	39	0.0016	1	EPQHIVLSGESYSYGK	6.73E+05	control-Rep II
gij84873	FBgn0002938	544.27	1629.79	1629.8	-0.01	0	34	0.01	1	EPQHIVLSGESYSYGK	1.28E+06	parkin null-Rep I
gij84873	FBgn0002938	735.33	2202.98	2202.98	0	0	58	7.40E-06	1	IQHYDEEHQVSIEEYR	1.72E+07	parkin null-Rep II
gij84873	FBgn0002938	735.33	2202.98	2202.98	0	0	53	2.00E-05	1	IQHYDEEHQVSIEEYR	2.24E+07	parkin null-Rep I
gij84872	FBgn0002938	735.33	2202.98	2202.98	0	0	47	8.90E-05	1	IQHYDEEHQVSIEEYR	2.31E+07	control-Rep I
gij84873	FBgn0002938	735.33	2202.98	2202.98	0	0	55	1.50E-05	1	IQHYDEEHQVSIEEYR	2.51E+07	control-Rep II
gij84873	FBgn0002938	518.78	1035.54	1035.54	0	0	38	0.0021	1	LPFDEFRLR	2.28E+07	parkin null-Rep II
gij84873	FBgn0002938	518.78	1035.55	1035.54	0.01	0	36	0.0051	1	LPFDEFRLR	2.51E+07	parkin null-Rep I
gij84873	FBgn0002938	518.78	1035.55	1035.54	0.01	0	38	0.0027	1	LPFDEFRLR	2.54E+07	control-Rep II
gij84872	FBgn0002938	518.78	1035.54	1035.54	0	0	49	0.00018	1	LPFDEFRLR	3.33E+07	control-Rep I
gij84873	FBgn0002938	529.28	1584.82	1584.82	0	0	21	0.22	1	MLSQNANLGVHFVR	1.39E+07	parkin null-Rep I
gij84873	FBgn0002938	529.28	1584.82	1584.82	0	0	43	0.0015	1	MLSQNANLGVHFVR	1.46E+07	control-Rep II
gij84872	FBgn0002938	529.28	1584.82	1584.82	0	0	37	0.003	1	MLSQNANLGVHFVR	1.56E+07	control-Rep I
gij84872	FBgn0002938	844.42	2530.24	2530.23	0.01	0	44	0.00086	1	MYPEDLAALNPVDENIIESLR	6.37E+06	control-Rep I
gij84873	FBgn0002938	1266.13	2530.25	2530.23	0.03	0	108	1.90E-10	1	MYPEDLAALNPVDENIIESLR	9.68E+06	control-Rep II
gij84873	FBgn0002938	632.32	1262.63	1262.62	0.01	0	61	2.10E-05	1	SDIAEMLELSR	1.14E+07	parkin null-Rep I
gij84873	FBgn0002938	632.32	1262.63	1262.62	0.01	0	58	3.70E-05	1	SDIAEMLELSR	1.22E+07	parkin null-Rep II
gij84872	FBgn0002938	632.32	1262.63	1262.62	0.01	0	58	4.00E-05	1	SDIAEMLELSR	1.26E+07	control-Rep I
gij84873	FBgn0002938	632.32	1262.63	1262.62	0.01	0	64	1.00E-05	1	SDIAEMLELSR	1.38E+07	control-Rep II
gij84873	FBgn0002938	817.77	2450.28	2450.27	0.01	0	39	0.0013	1	TALDNLLTKPDGLFYIIDDASR	8.91E+06	parkin null-Rep II
gij84873	FBgn0002938	817.77	2450.29	2450.27	0.02	0	46	0.00022	1	TALDNLLTKPDGLFYIIDDASR	1.20E+07	parkin null-Rep I
gij84872	FBgn0002938	817.77	2450.29	2450.27	0.02	0	41	0.00073	1	TALDNLLTKPDGLFYIIDDASR	1.43E+07	control-Rep I
gij84873	FBgn0002938	698.34	1394.67	1394.67	0	0	66	2.80E-06	1	YAEVENTDIVSR	9.56E+06	parkin null-Rep II

gil84873	FBgn0002938	698.34	1394.66	1394.67	0	0	62	6.80E-06	1	YAEVENTDIVSR	1.21E+07	parkin null-Rep I
gil84873	FBgn0002938	698.34	1394.66	1394.67	-0.01	0	62	5.50E-06	1	YAEVENTDIVSR	1.55E+07	control-Rep II
gil84872	FBgn0002938	698.34	1394.67	1394.67	0	0	35	0.006	1	YAEVENTDIVSR	1.72E+07	control-Rep I
gil24651916	FBgn0003074	624.31	1869.91	1869.91	-0.01	1	22	0.16	1	GTDPVLVDDKDVMPPDVR	9.49E+05	control-Rep II
gil24651916	FBgn0003074	624.32	1869.94	1869.91	0.02	1	36	0.0079	1	GTDPVLVDDKDVMPPDVR	1.34E+06	parkin null-Rep I
gil24651916	FBgn0003074	910.51	1819	1818.99	0.01	0	109	1.00E-10	1	ILLSNFLAQTEALMAGK	1.07E+07	parkin null-Rep II
gil24651916	FBgn0003074	910.51	1819.01	1818.99	0.02	0	109	1.10E-10	1	ILLSNFLAQTEALMAGK	1.17E+07	control-Rep I
gil24651916	FBgn0003074	910.51	1819	1818.99	0.01	0	103	3.90E-10	1	ILLSNFLAQTEALMAGK	1.27E+07	parkin null-Rep I
gil24651916	FBgn0003074	910.51	1819.01	1818.99	0.02	0	96	1.90E-09	1	ILLSNFLAQTEALMAGK	1.36E+07	control-Rep II
gil24651916	FBgn0003074	821.96	1641.91	1641.9	0.01	0	77	2.40E-07	1	INDEVWDLTLLAK	4.28E+06	parkin null-Rep II
gil24651916	FBgn0003074	821.96	1641.91	1641.9	0.01	0	73	5.60E-07	1	INDEVWDLTLLAK	4.90E+06	parkin null-Rep I
gil24651916	FBgn0003074	821.96	1641.91	1641.9	0.01	0	69	1.30E-06	1	INDEVWDLTLLAK	5.66E+06	control-Rep II
gil24651916	FBgn0003074	821.96	1641.91	1641.9	0.01	0	77	2.40E-07	1	INDEVWDLTLLAK	6.21E+06	control-Rep I
gil24651916	FBgn0003074	807.41	1612.81	1612.79	0.01	0	89	3.20E-08	1	TFTTQETITNATSAK	1.83E+06	parkin null-Rep I
gil24651916	FBgn0003074	807.4	1612.79	1612.79	-0.01	0	90	2.40E-08	1	TFTTQETITNATSAK	2.84E+06	control-Rep I
gil10959	FBgn0003149	701.86	1401.71	1401.7	0.01	1	43	0.00084	1	DLELELEEEKR	2.00E+06	parkin null-Rep II
gil10959	FBgn0003149	701.85	1401.69	1401.7	-0.01	1	38	0.0021	1	DLELELEEEKR	2.37E+06	control-Rep II
gil10959	FBgn0003149	688.82	1375.63	1375.63	0	0	60	6.00E-06	1	EVLVQCEEDQK	1.99E+06	parkin null-Rep II
gil10959	FBgn0003149	688.82	1375.63	1375.63	0	0	44	0.00029	1	EVLVQCEEDQK	2.31E+06	parkin null-Rep I
gil10959	FBgn0003149	688.82	1375.63	1375.63	0	0	60	5.90E-06	1	EVLVQCEEDQK	2.82E+06	control-Rep II
gil10959	FBgn0003149	688.82	1375.63	1375.63	0	0	49	7.90E-05	1	EVLVQCEEDQK	4.34E+06	control-Rep I
gil10959	FBgn0003149	1046.02	2090.03	2090.02	0	0	99	1.40E-09	1	FQTEVYELLSQIESYNK	3.44E+06	control-Rep II
gil10959	FBgn0003149	1046.03	2090.05	2090.02	0.03	0	97	2.80E-09	1	FQTEVYELLSQIESYNK	3.71E+06	parkin null-Rep II
gil10959	FBgn0003149	1046.03	2090.04	2090.02	0.02	0	97	3.00E-09	1	FQTEVYELLSQIESYNK	3.85E+06	parkin null-Rep I
gil10959	FBgn0003149	1046.03	2090.04	2090.02	0.02	0	95	4.80E-09	1	FQTEVYELLSQIESYNK	7.22E+06	control-Rep I
gil10959	FBgn0003149	506.91	1517.71	1517.72	-0.01	0	24	0.033	1	HVVEQVHEEQER	1.45E+05	control-Rep I
gil10959	FBgn0003149	506.92	1517.74	1517.72	0.02	0	26	0.034	1	HVVEQVHEEQER	1.65E+05	parkin null-Rep I
gil10959	FBgn0003149	506.92	1517.74	1517.72	0.02	0	36	0.0034	1	HVVEQVHEEQER	1.68E+05	control-Rep II
gil10959	FBgn0003149	506.92	1517.74	1517.72	0.02	0	26	0.034	1	HVVEQVHEEQER	2.68E+05	parkin null-Rep II
gil10959	FBgn0003149	801.46	1600.91	1600.9	0	0	61	6.80E-06	1	INELTTANVSLVSIK	8.70E+06	parkin null-Rep I
gil10959	FBgn0003149	801.46	1600.91	1600.9	0	0	52	5.90E-05	1	INELTTANVSLVSIK	1.05E+07	parkin null-Rep II
gil10959	FBgn0003149	758.4	1514.78	1514.78	0	1	64	8.20E-06	1	IRDLELELEEEK	4.24E+06	parkin null-Rep I
gil10959	FBgn0003149	505.94	1514.8	1514.78	0.02	1	24	0.078	1	IRDLELELEEEK	4.56E+06	parkin null-Rep II
gil10959	FBgn0003149	758.4	1514.79	1514.78	0	1	54	8.10E-05	1	IRDLELELEEEK	4.59E+06	control-Rep II
gil10959	FBgn0003149	505.93	1514.77	1514.78	-0.01	1	27	0.034	1	IRDLELELEEEK	6.81E+06	control-Rep I
gil10959	FBgn0003149	551.64	1651.91	1651.9	0.01	0	37	0.0025	1	ITELEEHIESLIVK	2.18E+07	control-Rep II
gil10959	FBgn0003149	551.64	1651.91	1651.9	0	0	27	0.023	1	ITELEEHIESLIVK	2.57E+07	parkin null-Rep I
gil10959	FBgn0003149	551.64	1651.91	1651.9	0	0	23	0.071	1	ITELEEHIESLIVK	2.59E+07	parkin null-Rep II
gil10959	FBgn0003149	551.64	1651.91	1651.9	0	0	31	0.0099	1	ITELEEHIESLIVK	3.47E+07	control-Rep I

gil10959	FBgn0003149	515.28	1542.82	1542.83	-0.01	2	28	0.06	1	LAEKDEIEAIRK	2.03E+05	control-Rep I
gil10959	FBgn0003149	515.28	1542.82	1542.83	-0.01	2	36	0.0098	1	LAEKDEIEAIRK	2.17E+05	parkin null-Rep II
gil10959	FBgn0003149	515.28	1542.82	1542.83	-0.01	2	30	0.036	1	LAEKDEIEAIRK	3.88E+05	parkin null-Rep I
gil10959	FBgn0003149	596.27	1785.78	1785.79	-0.01	0	34	0.0014	1	LEEAEAGGAEHQFEANR	6.67E+06	parkin null-Rep II
gil10959	FBgn0003149	596.27	1785.79	1785.79	0	0	46	0.0001	1	LEEAEAGGAEHQFEANR	7.10E+06	parkin null-Rep I
gil10959	FBgn0003149	596.27	1785.79	1785.79	0	0	48	7.10E-05	1	LEEAEAGGAEHQFEANR	8.36E+06	control-Rep II
gil10959	FBgn0003149	596.27	1785.79	1785.79	0	0	39	0.00049	1	LEEAEAGGAEHQFEANR	9.27E+06	control-Rep I
gil10959	FBgn0003149	679.87	1357.72	1357.71	0.01	0	77	5.00E-07	1	LEEVELNAVAGSK	1.34E+07	parkin null-Rep I
gil10959	FBgn0003149	679.86	1357.71	1357.71	0	0	52	0.00015	1	LEEVELNAVAGSK	1.57E+07	parkin null-Rep II
gil10959	FBgn0003149	679.86	1357.71	1357.71	0	0	83	1.20E-07	1	LEEVELNAVAGSK	1.70E+07	control-Rep II
gil10959	FBgn0003149	679.86	1357.71	1357.71	0	0	78	3.60E-07	1	LEEVELNAVAGSK	2.42E+07	control-Rep I
gil10959	FBgn0003149	628.37	1254.72	1254.72	0	0	55	4.10E-05	1	NLILLQDALDK	3.15E+07	control-Rep II
gil10959	FBgn0003149	628.37	1254.72	1254.72	0	0	54	5.20E-05	1	NLILLQDALDK	3.20E+07	parkin null-Rep II
gil10959	FBgn0003149	628.37	1254.72	1254.72	0	0	57	2.20E-05	1	NLILLQDALDK	3.42E+07	parkin null-Rep I
gil10959	FBgn0003149	628.37	1254.72	1254.72	0.01	0	65	3.70E-06	1	NLILLQDALDK	4.47E+07	control-Rep I
gil10959	FBgn0003149	802.92	1603.83	1603.83	-0.01	0	68	2.40E-06	1	QLQATLDQYAVAQR	1.49E+07	parkin null-Rep I
gil10959	FBgn0003149	802.93	1603.84	1603.83	0.01	0	73	8.50E-07	1	QLQATLDQYAVAQR	1.85E+07	parkin null-Rep II
gil10959	FBgn0003149	802.92	1603.83	1603.83	0	0	103	6.80E-10	1	QLQATLDQYAVAQR	2.05E+07	control-Rep II
gil10959	FBgn0003149	802.93	1603.84	1603.83	0.01	0	69	2.20E-06	1	QLQATLDQYAVAQR	2.88E+07	control-Rep I
gil10959	FBgn0003149	846.42	1690.82	1690.81	0	0	97	2.50E-09	1	QLSEQEGVSQTTTR	1.73E+06	parkin null-Rep II
gil10959	FBgn0003149	846.42	1690.82	1690.81	0.01	0	78	1.80E-07	1	QLSEQEGVSQTTTR	1.88E+06	parkin null-Rep I
gil10959	FBgn0003149	846.41	1690.81	1690.81	0	0	101	9.40E-10	1	QLSEQEGVSQTTTR	2.70E+06	control-Rep II
gil10959	FBgn0003149	846.41	1690.81	1690.81	0	0	82	6.00E-08	1	QLSEQEGVSQTTTR	3.48E+06	control-Rep I
gil10959	FBgn0003149	686.68	2057.01	2057.02	0	0	21	0.099	1	QSLQLTELQAHYEDVQR	2.64E+07	parkin null-Rep I
gil10959	FBgn0003149	686.68	2057.02	2057.02	0.01	0	30	0.013	1	QSLQLTELQAHYEDVQR	3.47E+07	control-Rep II
gil10959	FBgn0003149	686.68	2057.02	2057.02	0.01	0	30	0.013	1	QSLQLTELQAHYEDVQR	3.66E+07	parkin null-Rep II
gil10959	FBgn0003149	686.68	2057.02	2057.02	0	0	23	0.068	1	QSLQLTELQAHYEDVQR	4.60E+07	control-Rep I
gil10959	FBgn0003149	436.59	1306.75	1306.74	0.01	1	60	5.90E-06	1	RLHELELELR	5.95E+05	parkin null-Rep I
gil10959	FBgn0003149	436.59	1306.75	1306.74	0.01	1	49	8.30E-05	1	RLHELELELR	3.82E+06	control-Rep I
gil103295	FBgn0003149	752.9	1503.79	1503.78	0.01	0	29	0.019	1	SASAIQAALLSESEK	4.59E+05	parkin null-Rep II
gil103295	FBgn0003149	752.9	1503.79	1503.78	0.01	0	27	0.035	1	SASAIQAALLSESEK	2.59E+06	control-Rep II
gil10959	FBgn0003149	685.36	2053.07	2053.07	0	0	41	0.00098	1	SLLESSLHQVEIELDSVR	3.25E+07	control-Rep II
gil10959	FBgn0003149	685.37	2053.09	2053.07	0.02	0	43	0.00066	1	SLLESSLHQVEIELDSVR	4.05E+07	parkin null-Rep II
gil10959	FBgn0003149	685.37	2053.09	2053.07	0.02	0	47	0.00028	1	SLLESSLHQVEIELDSVR	4.28E+07	parkin null-Rep I
gil10959	FBgn0003149	685.37	2053.08	2053.07	0.01	0	54	5.50E-05	1	SLLESSLHQVEIELDSVR	4.39E+07	control-Rep I
gil10959	FBgn0003149	1108.06	2214.11	2214.12	-0.01	0	57	2.70E-05	1	TFVTTSTVPGSQVYIQTTR	5.47E+06	control-Rep II
gil10959	FBgn0003149	1108.05	2214.09	2214.12	-0.03	0	59	1.50E-05	1	TFVTTSTVPGSQVYIQTTR	6.72E+06	parkin null-Rep I
gil10959	FBgn0003149	1108.06	2214.1	2214.12	-0.02	0	78	2.00E-07	1	TFVTTSTVPGSQVYIQTTR	8.12E+06	control-Rep I
gil10959	FBgn0003149	698.34	1394.67	1394.67	0	0	63	6.10E-06	1	TVELQYEEAASR	1.72E+07	control-Rep I

gij10959	FBgn0003149	698.34	1394.67	1394.67	0	0	81	1.00E-07	1	TVELQYEEAASR	2.29E+07	parkin null-Rep II
gij10959	FBgn0003149	698.34	1394.67	1394.67	0	0	80	1.10E-07	1	TVELQYEEAASR	2.71E+07	parkin null-Rep I
gij10959	FBgn0003149	698.34	1394.67	1394.67	0	0	81	1.00E-07	1	TVELQYEEAASR	3.07E+07	control-Rep II
gij1079084	FBgn0003162	975.12	2922.34	2922.32	0.01	0	62	3.30E-06	1	GYDQSLEDVNLGAVFDEHDHEMNVVK	4.60E+06	parkin null-Rep I
gij38455513	FBgn0003162	975.12	2922.33	2922.32	0.01	0	65	1.50E-06	1	GYDQSLEDVNLGAVFDEHDHEMNVVK	9.03E+06	control-Rep II
gij1079084	FBgn0003162	975.12	2922.34	2922.32	0.01	0	48	8.90E-05	1	GYDQSLEDVNLGAVFDEHDHEMNVVK	9.90E+06	parkin null-Rep II
gij38455513	FBgn0003162	606.33	1210.64	1210.64	0	0	62	7.80E-06	1	TVTSTMLGVFR	8.21E+07	control-Rep II
gij1079084	FBgn0003162	606.33	1210.64	1210.64	0	0	68	1.70E-06	1	TVTSTMLGVFR	9.21E+07	parkin null-Rep II
gij1079084	FBgn0003162	606.33	1210.64	1210.64	0	0	61	8.50E-06	1	TVTSTMLGVFR	9.35E+07	control-Rep I
gij1079084	FBgn0003162	606.33	1210.64	1210.64	0	0	49	0.00014	1	TVTSTMLGVFR	9.43E+07	parkin null-Rep I
gij3128475	FBgn0003178	1268.59	2535.17	2535.18	-0.02	0	66	2.20E-06	1	AEISDVANAVLDGADCVMVLSGETAK	7.02E+05	parkin null-Rep II
gij3128475	FBgn0003178	846.08	2535.21	2535.18	0.03	0	56	1.90E-05	1	AEISDVANAVLDGADCVMVLSGETAK	1.05E+07	control-Rep II
gij27819773	FBgn0003178	846.07	2535.19	2535.18	0	0	60	5.20E-06	1	AEISDVANAVLDGADCVMVLSGETAK	1.12E+07	control-Rep I
gij3128475	FBgn0003178	621.66	1861.96	1861.95	0.01	0	55	7.90E-05	1	AGKPVICATQMLESMVK	1.01E+07	parkin null-Rep II
gij3128475	FBgn0003178	621.66	1861.95	1861.95	0.01	0	43	0.0012	1	AGKPVICATQMLESMVK	1.13E+07	control-Rep II
gij3128475	FBgn0003178	621.66	1861.95	1861.95	0.01	0	43	0.0011	1	AGKPVICATQMLESMVK	1.33E+07	parkin null-Rep I
gij27819773	FBgn0003178	621.66	1861.96	1861.95	0.01	0	50	0.00025	1	AGKPVICATQMLESMVK	1.67E+07	control-Rep I
gij3128475	FBgn0003178	573.84	1145.67	1145.67	0	0	28	0.019	1	ASAIVVITTSVK	1.36E+06	parkin null-Rep II
gij3128475	FBgn0003178	573.84	1145.67	1145.67	0	0	35	0.004	1	ASAIVVITTSVK	1.88E+06	control-Rep II
gij27819773	FBgn0003178	573.84	1145.67	1145.67	0	0	30	0.012	1	ASAIVVITTSVK	4.14E+06	control-Rep I
gij3128475	FBgn0003178	948.5	1894.99	1894.97	0.01	0	86	3.00E-08	1	GAGTIDASHAAAIAAVEAATK	1.58E+07	parkin null-Rep II
gij3128475	FBgn0003178	632.67	1894.98	1894.97	0.01	0	56	2.90E-05	1	GAGTIDASHAAAIAAVEAATK	2.85E+07	control-Rep II
gij3128475	FBgn0003178	632.67	1894.98	1894.97	0.01	0	48	0.0002	1	GAGTIDASHAAAIAAVEAATK	2.95E+07	parkin null-Rep I
gij27819773	FBgn0003178	632.67	1894.98	1894.97	0.01	0	44	0.00049	1	GAGTIDASHAAAIAAVEAATK	3.12E+07	control-Rep I
gij3128475	FBgn0003178	755.87	1509.73	1509.72	0	0	24	0.041	1	GEYPLECVLTMVK	3.88E+06	parkin null-Rep II
gij27819773	FBgn0003178	755.86	1509.71	1509.72	-0.02	0	44	0.00036	1	GEYPLECVLTMVK	5.71E+06	control-Rep I
gij3128475	FBgn0003178	885.1	2652.29	2652.26	0.03	0	39	0.0012	1	IENQQGMHNLDEIIEAGDGIMVAR	1.28E+07	parkin null-Rep II
gij3128475	FBgn0003178	885.1	2652.29	2652.26	0.03	0	55	2.90E-05	1	IENQQGMHNLDEIIEAGDGIMVAR	1.37E+07	control-Rep II
gij3128475	FBgn0003178	885.11	2652.3	2652.26	0.03	0	58	1.40E-05	1	IENQQGMHNLDEIIEAGDGIMVAR	1.45E+07	parkin null-Rep I
gij3128475	FBgn0003178	910.02	1818.03	1818.03	0	1	23	0.027	1	KGVNLPVGPVLDLPAVSEK	2.71E+06	parkin null-Rep I
gij3128475	FBgn0003178	910.02	1818.02	1818.03	-0.01	1	52	4.70E-05	1	KGVNLPVGPVLDLPAVSEK	4.67E+06	parkin null-Rep II
gij3128475	FBgn0003178	1039.53	2077.05	2077.04	0	0	52	0.00012	1	LSGIVCTIGPASSVEMLEK	1.61E+06	parkin null-Rep II
gij3128475	FBgn0003178	1039.53	2077.05	2077.04	0	0	40	0.0011	1	LSGIVCTIGPASSVEMLEK	1.68E+06	parkin null-Rep I
gij27819773	FBgn0003178	1039.53	2077.05	2077.04	0	0	34	0.0083	1	LSGIVCTIGPASSVEMLEK	2.60E+06	control-Rep I
gij3128475	FBgn0003178	710	2126.98	2126.97	0.01	0	60	7.40E-06	1	MNFSHGSHEYHAATVANVR	1.51E+06	parkin null-Rep II
gij3128475	FBgn0003178	710	2126.97	2126.97	0	0	55	1.90E-05	1	MNFSHGSHEYHAATVANVR	2.51E+06	parkin null-Rep I
gij27819773	FBgn0003178	709.99	2126.96	2126.97	-0.01	0	51	4.20E-05	1	MNFSHGSHEYHAATVANVR	2.81E+06	control-Rep I
gij132748	FBgn0003279	619.36	1855.05	1855.04	0	0	32	0.0035	1	APIRPDVVNEVHQLLR	1.56E+07	control-Rep II
gij132748	FBgn0003279	619.36	1855.05	1855.04	0.01	0	29	0.0067	1	APIRPDVVNEVHQLLR	1.68E+07	parkin null-Rep I

gil132748	FBgn0003279	619.35	1855.04	1855.04	0	0	29	0.01	1	APIRPDVVNEVHQLLR	1.84E+07	parkin null-Rep II
gil132748	FBgn0003279	619.36	1855.05	1855.04	0	0	42	0.00035	1	APIRPDVVNEVHQLLR	2.01E+07	control-Rep I
gil132748	FBgn0003279	718.71	2153.11	2153.1	0.01	0	27	0.029	1	GHVIDGVSEFPLVVSDEVQK	2.93E+06	parkin null-Rep I
gil132748	FBgn0003279	718.71	2153.11	2153.1	0.01	0	36	0.0037	1	GHVIDGVSEFPLVVSDEVQK	3.33E+06	control-Rep I
gil132748	FBgn0003279	718.71	2153.11	2153.1	0.01	0	34	0.0056	1	GHVIDGVSEFPLVVSDEVQK	4.82E+06	parkin null-Rep II
gil132748	FBgn0003279	769.37	2305.07	2305.07	0	0	55	2.30E-05	1	QAYAVSELAGHQTSAESWGTGR	3.86E+06	parkin null-Rep II
gil132748	FBgn0003279	769.37	2305.09	2305.07	0.02	0	31	0.014	1	QAYAVSELAGHQTSAESWGTGR	4.00E+06	control-Rep II
gil132748	FBgn0003279	769.37	2305.09	2305.07	0.02	0	55	2.20E-05	1	QAYAVSELAGHQTSAESWGTGR	4.80E+06	control-Rep I
gil132748	FBgn0003279	923.04	1844.06	1844.04	0.02	0	66	9.20E-07	1	YALVSAIAASGVPALVQSK	8.14E+06	parkin null-Rep II
gil132748	FBgn0003279	923.03	1844.05	1844.04	0.01	0	75	1.80E-07	1	YALVSAIAASGVPALVQSK	8.75E+06	control-Rep II
gil132748	FBgn0003279	923.03	1844.04	1844.04	0	0	66	1.60E-06	1	YALVSAIAASGVPALVQSK	9.02E+06	parkin null-Rep I
gil132748	FBgn0003279	923.04	1844.06	1844.04	0.02	0	71	3.10E-07	1	YALVSAIAASGVPALVQSK	1.14E+07	control-Rep I
gil103144	FBgn0003392	919.46	1836.91	1836.89	0.02	0	66	6.00E-06	1	AMLQMIQQLQSDFER	6.64E+06	control-Rep II
gil103144	FBgn0003392	919.46	1836.91	1836.89	0.02	0	71	2.00E-06	1	AMLQMIQQLQSDFER	6.92E+06	parkin null-Rep II
gil103144	FBgn0003392	919.46	1836.91	1836.89	0.02	0	49	0.00027	1	AMLQMIQQLQSDFER	9.48E+06	control-Rep I
gil103144	FBgn0003392	952.99	1903.96	1903.95	0.01	0	86	4.10E-08	1	TIEGSGSALVNTNELSGGAK	1.16E+07	control-Rep I
gil103144	FBgn0003392	952.98	1903.95	1903.95	0	0	63	6.80E-06	1	TIEGSGSALVNTNELSGGAK	1.17E+07	parkin null-Rep II
gil103144	FBgn0003392	952.97	1903.93	1903.95	-0.02	0	79	1.40E-07	1	TIEGSGSALVNTNELSGGAK	1.26E+07	control-Rep II
gil103144	FBgn0003392	819.44	1636.87	1636.85	0.01	0	26	0.071	1	VGLFTPDMAFEAIVK	5.75E+06	control-Rep II
gil103144	FBgn0003392	819.43	1636.85	1636.85	0	0	52	9.10E-05	1	VGLFTPDMAFEAIVK	6.57E+06	control-Rep I
gil103144	FBgn0003392	819.44	1636.87	1636.85	0.01	0	27	0.056	1	VGLFTPDMAFEAIVK	6.61E+06	parkin null-Rep I
gil8647	FBgn0003462	806.9	1611.79	1611.78	0.01	0	69	1.50E-06	1	GTVFFEQESSGTPVK	4.50E+06	parkin null-Rep II
gil8647	FBgn0003462	806.9	1611.79	1611.78	0.01	0	62	7.60E-06	1	GTVFFEQESSGTPVK	5.86E+06	control-Rep II
gil8647	FBgn0003462	806.9	1611.79	1611.78	0.01	0	58	1.70E-05	1	GTVFFEQESSGTPVK	8.12E+06	control-Rep I
gil8647	FBgn0003462	631.86	1261.71	1261.7	0	0	54	3.80E-05	1	ITLFGADSIIGR	6.35E+06	control-Rep II
gil8647	FBgn0003462	631.86	1261.71	1261.7	0.01	0	67	1.90E-06	1	ITLFGADSIIGR	8.72E+06	parkin null-Rep II
gil8647	FBgn0003462	631.86	1261.71	1261.7	0	0	76	2.30E-07	1	ITLFGADSIIGR	1.01E+07	parkin null-Rep I
gil8647	FBgn0003462	631.86	1261.71	1261.7	0	0	67	2.10E-06	1	ITLFGADSIIGR	1.15E+07	control-Rep I
gil8647	FBgn0003462	510.27	1018.53	1018.51	0.01	0	38	0.0057	1	VSGEVCGLAK	1.45E+06	parkin null-Rep II
gil8647	FBgn0003462	510.26	1018.51	1018.51	-0.01	0	40	0.0036	1	VSGEVCGLAK	2.39E+06	parkin null-Rep I
gil8647	FBgn0003462	510.26	1018.51	1018.51	-0.01	0	37	0.0068	1	VSGEVCGLAK	3.13E+06	control-Rep II
gil8647	FBgn0003462	510.26	1018.51	1018.51	0	0	38	0.0029	1	VSGEVCGLAK	3.60E+06	control-Rep I
gil103399	FBgn0003470	430.21	1287.61	1287.61	0	0	30	0.017	1	EHYAAAEIQEK	4.67E+05	parkin null-Rep II
gil103399	FBgn0003470	430.21	1287.61	1287.61	0	0	22	0.068	1	EHYAAAEIQEK	5.71E+05	parkin null-Rep I
gil103399	FBgn0003470	430.21	1287.61	1287.61	0	0	30	0.014	1	EHYAAAEIQEK	6.01E+05	control-Rep II
gil103399	FBgn0003470	430.21	1287.61	1287.61	0	0	22	0.094	1	EHYAAAEIQEK	8.20E+05	control-Rep I
gil103399	FBgn0003470	535.93	1604.77	1604.77	0	0	68	1.50E-06	1	HALLEADVMAHQDR	2.19E+06	parkin null-Rep II
gil103399	FBgn0003470	535.93	1604.77	1604.77	0	0	58	1.70E-05	1	HALLEADVMAHQDR	2.67E+06	parkin null-Rep I
gil103399	FBgn0003470	535.93	1604.77	1604.77	-0.01	0	74	3.70E-07	1	HALLEADVMAHQDR	4.64E+06	control-Rep I

gil103399	FBgn0003470	514.92	1541.74	1541.72	0.02	0	27	0.019	1	HQAFEAEELANADR	3.68E+06	parkin null-Rep I
gil103399	FBgn0003470	514.91	1541.72	1541.72	0	0	22	0.062	1	HQAFEAEELANADR	4.92E+06	control-Rep I
gil103399	FBgn0003470	771.87	1541.73	1541.72	0	0	24	0.037	1	HQAFEAEELANADR	5.58E+06	control-Rep II
gil103399	FBgn0003470	909.15	2724.43	2724.41	0.02	0	37	0.002	1	IAALQTVADQLIAQNHYASNLVDEK	1.31E+07	parkin null-Rep I
gil103399	FBgn0003470	909.15	2724.43	2724.41	0.02	0	59	1.40E-05	1	IAALQTVADQLIAQNHYASNLVDEK	1.36E+07	control-Rep II
gil103399	FBgn0003470	909.15	2724.43	2724.41	0.02	0	61	8.00E-06	1	IAALQTVADQLIAQNHYASNLVDEK	1.37E+07	parkin null-Rep II
gil103399	FBgn0003470	909.15	2724.42	2724.41	0.01	0	52	7.20E-05	1	IAALQTVADQLIAQNHYASNLVDEK	1.43E+07	control-Rep I
gil103399	FBgn0003470	587.31	1758.91	1758.9	0.01	1	58	5.80E-05	1	KHQLVEADIVAHEDR	7.66E+05	parkin null-Rep II
gil103399	FBgn0003470	587.31	1758.91	1758.9	0.01	1	32	0.021	1	KHQLVEADIVAHEDR	1.29E+06	control-Rep II
gil103399	FBgn0003470	587.31	1758.9	1758.9	0	1	42	0.00097	1	KHQLVEADIVAHEDR	1.42E+06	parkin null-Rep I
gil103399	FBgn0003470	587.31	1758.91	1758.9	0.01	1	38	0.0061	1	KHQLVEADIVAHEDR	1.44E+06	control-Rep I
gil103399	FBgn0003470	517.91	1550.71	1550.73	-0.02	0	27	0.017	1	LCSIHADHSDQIR	4.54E+05	control-Rep II
gil103399	FBgn0003470	517.92	1550.72	1550.73	0	0	22	0.071	1	LCSIHADHSDQIR	4.63E+05	parkin null-Rep II
gil103399	FBgn0003470	517.92	1550.73	1550.73	0	0	26	0.024	1	LCSIHADHSDQIR	7.34E+05	parkin null-Rep I
gil103399	FBgn0003470	517.92	1550.72	1550.73	0	0	37	0.0018	1	LCSIHADHSDQIR	9.11E+05	control-Rep I
gil103399	FBgn0003470	709.39	1416.76	1416.76	0	0	59	1.80E-05	1	LLNVISSGENMLK	9.36E+06	parkin null-Rep II
gil103399	FBgn0003470	709.39	1416.77	1416.76	0	0	36	0.0064	1	LLNVISSGENMLK	1.08E+07	control-Rep I
gil103399	FBgn0003470	709.39	1416.77	1416.76	0	0	45	0.00045	1	LLNVISSGENMLK	1.13E+07	parkin null-Rep I
gil136075	FBgn0003721	743.39	1484.77	1484.76	0.01	0	23	0.073	1	ALQNAESEVAALNR	2.11E+07	parkin null-Rep I
gil136075	FBgn0003721	743.39	1484.77	1484.76	0.01	0	30	0.023	1	ALQNAESEVAALNR	2.14E+07	parkin null-Rep II
gil136075	FBgn0003721	743.39	1484.77	1484.76	0.01	0	31	0.021	1	ALQNAESEVAALNR	2.72E+07	control-Rep I
gil136075	FBgn0003721	629.33	1256.65	1256.66	-0.01	0	37	0.0027	1	IQLLEEDLER	4.00E+06	parkin null-Rep II
gil136075	FBgn0003721	629.34	1256.67	1256.66	0	0	35	0.0095	1	IQLLEEDLER	5.63E+06	parkin null-Rep I
gil136075	FBgn0003721	629.34	1256.66	1256.66	0	0	32	0.011	1	IQLLEEDLER	5.81E+06	control-Rep II
gil136075	FBgn0003721	629.34	1256.66	1256.66	0	0	34	0.0058	1	IQLLEEDLER	6.29E+06	control-Rep I
gil136075	FBgn0003721	1165.62	2329.22	2329.2	0.02	0	90	1.30E-08	1	IQTVENELDQTQEALTLVTGK	1.95E+07	control-Rep II
gil136075	FBgn0003721	1165.62	2329.23	2329.2	0.03	0	98	2.10E-09	1	IQTVENELDQTQEALTLVTGK	2.14E+07	parkin null-Rep II
gil136075	FBgn0003721	1165.62	2329.22	2329.2	0.02	0	85	4.10E-08	1	IQTVENELDQTQEALTLVTGK	3.48E+07	control-Rep I
gil136075	FBgn0003721	565.31	1128.61	1128.6	0	0	57	3.90E-05	1	IVELEELR	4.89E+07	parkin null-Rep II
gil136075	FBgn0003721	565.31	1128.6	1128.6	0	0	56	4.40E-05	1	IVELEELR	6.02E+07	control-Rep II
gil136075	FBgn0003721	565.31	1128.6	1128.6	0	0	53	0.0001	1	IVELEELR	6.60E+07	parkin null-Rep I
gil136075	FBgn0003721	565.31	1128.6	1128.6	0	0	53	9.90E-05	1	IVELEELR	9.53E+07	control-Rep I
gil136075	FBgn0003721	820.11	2457.3	2457.3	0	1	35	0.0031	1	KIQTVENELDQTQEALTLVTGK	1.96E+07	parkin null-Rep II
gil136075	FBgn0003721	820.11	2457.3	2457.3	0	1	25	0.031	1	KIQTVENELDQTQEALTLVTGK	2.15E+07	parkin null-Rep I
gil136075	FBgn0003721	820.11	2457.31	2457.3	0.02	1	39	0.0011	1	KIQTVENELDQTQEALTLVTGK	2.39E+07	control-Rep II
gil136075	FBgn0003721	820.11	2457.3	2457.3	0.01	1	42	0.0006	1	KIQTVENELDQTQEALTLVTGK	2.72E+07	control-Rep I
gil136075	FBgn0003721	637.84	1273.67	1273.67	0	1	59	2.10E-05	1	KLAMVEADLER	3.57E+06	parkin null-Rep II
gil136075	FBgn0003721	637.84	1273.67	1273.67	0	1	46	0.00049	1	KLAMVEADLER	4.96E+06	parkin null-Rep I
gil136075	FBgn0003721	637.84	1273.67	1273.67	0	1	61	1.30E-05	1	KLAMVEADLER	5.39E+06	control-Rep II

gij136075	FBgn0003721	637.84	1273.67	1273.67	0	1	61	1.60E-05	1	KLAMVEADLER	7.48E+06	control-Rep I
gij136075	FBgn0003721	573.8	1145.58	1145.58	0	0	49	0.0002	1	LAMVEADLER	2.04E+07	parkin null-Rep II
gij136075	FBgn0003721	573.8	1145.59	1145.58	0.01	0	48	0.00029	1	LAMVEADLER	2.49E+07	parkin null-Rep I
gij136075	FBgn0003721	573.79	1145.58	1145.58	0	0	46	0.00042	1	LAMVEADLER	2.84E+07	control-Rep II
gij136075	FBgn0003721	573.8	1145.58	1145.58	0	0	50	0.00018	1	LAMVEADLER	4.03E+07	control-Rep I
gij136075	FBgn0003721	696.82	1391.62	1391.62	0	0	70	6.90E-07	1	LSEASQAADESER	2.96E+06	parkin null-Rep I
gij136075	FBgn0003721	696.81	1391.61	1391.62	0	0	70	6.40E-07	1	LSEASQAADESER	2.96E+06	parkin null-Rep II
gij136075	FBgn0003721	696.82	1391.62	1391.62	0.01	0	73	3.80E-07	1	LSEASQAADESER	5.04E+06	control-Rep II
gij136075	FBgn0003721	696.82	1391.62	1391.62	0	0	70	6.90E-07	1	LSEASQAADESER	5.35E+06	control-Rep I
gij13184376	FBgn0003738	682.36	1362.71	1362.7	0	0	46	0.00073	1	AIFGESDALIAEK	9.19E+06	control-Rep II
gij13184376	FBgn0003738	682.36	1362.71	1362.7	0	0	44	0.0011	1	AIFGESDALIAEK	1.21E+07	control-Rep I
gij13184376	FBgn0003738	682.36	1362.7	1362.7	0	0	44	0.00056	1	AIFGESDALIAEK	1.33E+07	parkin null-Rep II
gij13184376	FBgn0003738	640.34	1278.66	1278.66	0	0	67	3.70E-06	1	IQYGGSVTAANAK	3.34E+06	parkin null-Rep II
gij13184376	FBgn0003738	640.34	1278.66	1278.66	0	0	64	6.70E-06	1	IQYGGSVTAANAK	4.61E+06	parkin null-Rep I
gij13184376	FBgn0003738	640.33	1278.65	1278.66	0	0	66	4.40E-06	1	IQYGGSVTAANAK	5.20E+06	control-Rep II
gij13184376	FBgn0003738	640.33	1278.65	1278.66	-0.01	0	57	3.00E-05	1	IQYGGSVTAANAK	6.02E+06	control-Rep I
gij13184376	FBgn0003738	891.16	2670.46	2670.44	0.02	0	64	2.50E-06	1	KPDIIDGFLVGGASLKPEFVDIINAR	3.13E+06	control-Rep II
gij13184376	FBgn0003738	891.16	2670.46	2670.44	0.02	0	44	0.00025	1	KPDIIDGFLVGGASLKPEFVDIINAR	4.95E+06	control-Rep I
gij13184376	FBgn0003738	891.16	2670.46	2670.44	0.02	0	37	0.0011	1	KPDIIDGFLVGGASLKPEFVDIINAR	5.17E+06	parkin null-Rep II
gij13184376	FBgn0003738	851.97	1701.92	1701.91	0.01	0	66	3.30E-06	1	NVVVAYEPVVAIGTGK	1.65E+07	control-Rep II
gij13184376	FBgn0003738	851.97	1701.92	1701.91	0.01	0	74	5.60E-07	1	NVVVAYEPVVAIGTGK	1.77E+07	parkin null-Rep II
gij13184376	FBgn0003738	851.97	1701.92	1701.91	0.01	0	77	2.30E-07	1	NVVVAYEPVVAIGTGK	1.81E+07	control-Rep I
gij13184376	FBgn0003738	851.97	1701.92	1701.91	0.01	0	63	6.50E-06	1	NVVVAYEPVVAIGTGK	1.90E+07	parkin null-Rep I
gij28573700	FBgn0003887	846.44	1690.87	1690.86	0.01	0	68	2.90E-06	1	ALTVPELTQQMFDK	8.30E+07	parkin null-Rep II
gij28573700	FBgn0003887	846.44	1690.87	1690.86	0.01	0	63	8.30E-06	1	ALTVPELTQQMFDK	9.58E+07	parkin null-Rep I
gij28573700	FBgn0003887	846.44	1690.87	1690.86	0.01	0	70	1.80E-06	1	ALTVPELTQQMFDK	9.96E+07	control-Rep I
gij28573700	FBgn0003887	846.44	1690.86	1690.86	0	0	48	0.00026	1	ALTVPELTQQMFDK	1.00E+08	control-Rep II
gij542543	FBgn0003887	608.31	1821.91	1821.92	0	0	46	0.0005	1	EIVHIQAGQCQNIGAK	6.17E+06	parkin null-Rep II
gij542543	FBgn0003887	608.31	1821.92	1821.92	0	0	35	0.0065	1	EIVHIQAGQCQNIGAK	8.61E+06	parkin null-Rep I
gij542543	FBgn0003887	608.31	1821.92	1821.92	0	0	46	0.00049	1	EIVHIQAGQCQNIGAK	1.03E+07	control-Rep II
gij542543	FBgn0003887	608.31	1821.92	1821.92	0.01	0	52	0.00013	1	EIVHIQAGQCQNIGAK	1.23E+07	control-Rep I
gij28573700	FBgn0003887	917.48	2749.41	2749.38	0.03	0	45	0.00031	1	LTPTYGDLNHLVSLTMSGVTTCLR	3.26E+07	parkin null-Rep I
gij28573700	FBgn0003887	917.48	2749.41	2749.38	0.03	0	41	0.0009	1	LTPTYGDLNHLVSLTMSGVTTCLR	3.92E+07	parkin null-Rep II
gij28573700	FBgn0003887	917.47	2749.38	2749.38	0	0	48	0.0002	1	LTPTYGDLNHLVSLTMSGVTTCLR	4.06E+07	control-Rep II
gij28573700	FBgn0003887	917.47	2749.39	2749.38	0.01	0	51	0.0001	1	LTPTYGDLNHLVSLTMSGVTTCLR	4.37E+07	control-Rep I
gij28573700	FBgn0003887	848.92	1695.83	1695.83	0.01	0	58	1.50E-05	1	NSSYFVWIPNNVK	4.56E+07	parkin null-Rep II
gij28573700	FBgn0003887	848.93	1695.84	1695.83	0.02	0	62	6.30E-06	1	NSSYFVWIPNNVK	5.30E+07	control-Rep II
gij28573700	FBgn0003887	848.93	1695.84	1695.83	0.01	0	53	4.80E-05	1	NSSYFVWIPNNVK	5.47E+07	parkin null-Rep I
gij28573700	FBgn0003887	848.92	1695.83	1695.83	0	0	50	9.30E-05	1	NSSYFVWIPNNVK	5.99E+07	control-Rep I

gij28573700	FBgn0003887	933.46	2797.36	2797.34	0.02	0	80	8.00E-08	1	SGPFGQIFRPDNFVFGQSGAGNNWAK	4.61E+07	parkin null-Rep II
gij28573700	FBgn0003887	933.46	2797.36	2797.34	0.02	0	84	3.00E-08	1	SGPFGQIFRPDNFVFGQSGAGNNWAK	4.76E+07	parkin null-Rep I
gij28573700	FBgn0003887	933.46	2797.35	2797.34	0.01	0	79	8.60E-08	1	SGPFGQIFRPDNFVFGQSGAGNNWAK	5.78E+07	control-Rep II
gij28573700	FBgn0003887	933.45	2797.34	2797.34	0	0	73	2.90E-07	1	SGPFGQIFRPDNFVFGQSGAGNNWAK	5.85E+07	control-Rep I
gij28573700	FBgn0003887	527.31	1052.61	1052.6	0	0	60	1.30E-05	1	YLTVAAI FR	7.20E+06	control-Rep II
gij28573700	FBgn0003887	527.31	1052.61	1052.6	0	0	44	0.00053	1	YLTVAAI FR	7.82E+06	control-Rep I
gij28573700	FBgn0003887	527.31	1052.61	1052.6	0	0	44	0.00054	1	YLTVAAI FR	8.93E+06	parkin null-Rep I
gij28573700	FBgn0003887	527.31	1052.61	1052.6	0	0	55	4.40E-05	1	YLTVAAI FR	9.05E+06	parkin null-Rep II
gij38570289	FBgn0004028	856.92	1711.83	1711.85	-0.02	0	58	1.70E-05	1	AQEINDLNAQVNDLR	4.80E+06	parkin null-Rep I
gij38570289	FBgn0004028	856.93	1711.85	1711.85	0	0	88	2.50E-08	1	AQEINDLNAQVNDLR	5.47E+06	control-Rep I
gij24642953	FBgn0004028	705.84	1409.66	1409.66	0	1	29	0.0076	1	EFTLEEEKEK	2.12E+06	parkin null-Rep II
gij38570289	FBgn0004028	705.84	1409.66	1409.66	0.01	1	28	0.01	1	EFTLEEEKEK	2.84E+06	parkin null-Rep I
gij38570289	FBgn0004028	705.84	1409.66	1409.66	0.01	1	36	0.002	1	EFTLEEEKEK	3.54E+06	control-Rep II
gij38570289	FBgn0004028	839.9	1677.79	1677.79	0	0	59	1.10E-05	1	NLSDASEAELQTICK	4.48E+06	control-Rep II
gij38570289	FBgn0004028	839.9	1677.79	1677.79	0	0	55	3.00E-05	1	NLSDASEAELQTICK	5.07E+06	control-Rep I
gij24642953	FBgn0004028	502.25	1002.49	1002.49	0	1	36	0.0075	1	VKEEVEAEA	3.96E+05	control-Rep I
gij24642953	FBgn0004028	502.25	1002.49	1002.49	0	1	32	0.017	1	VKEEVEAEA	5.14E+05	parkin null-Rep II
gij24642953	FBgn0004028	502.25	1002.49	1002.49	0	1	28	0.042	1	VKEEVEAEA	6.52E+05	parkin null-Rep I
gij24642953	FBgn0004028	502.25	1002.49	1002.49	0	1	33	0.014	1	VKEEVEAEA	6.60E+05	control-Rep II
gij28571726	FBgn0004117	567.29	1132.57	1132.57	0	0	28	0.056	1	IMELEELK	1.97E+07	parkin null-Rep II
gij28571726	FBgn0004117	567.29	1132.57	1132.57	0	0	21	0.26	1	IMELEELK	2.29E+07	parkin null-Rep I
gij28571726	FBgn0004117	567.29	1132.57	1132.57	0.01	0	35	0.0058	1	IMELEELK	2.33E+07	control-Rep II
gij28571726	FBgn0004117	881.94	1761.87	1761.88	-0.01	1	52	8.20E-05	1	KLAFVEDELEVAEDR	1.49E+06	control-Rep I
gij28571726	FBgn0004117	881.95	1761.89	1761.88	0.01	1	58	2.50E-05	1	KLAFVEDELEVAEDR	4.77E+06	control-Rep II
gij28571726	FBgn0004117	881.94	1761.87	1761.88	0	1	31	0.012	1	KLAFVEDELEVAEDR	5.85E+06	parkin null-Rep II
gij28571726	FBgn0004117	730.85	1459.69	1459.69	0	0	74	3.90E-07	1	LLEATQSADENNR	8.65E+06	parkin null-Rep II
gij28571726	FBgn0004117	730.85	1459.69	1459.69	0	0	75	3.20E-07	1	LLEATQSADENNR	1.12E+07	parkin null-Rep I
gij28571726	FBgn0004117	730.85	1459.69	1459.69	0	0	83	4.50E-08	1	LLEATQSADENNR	1.36E+07	control-Rep II
gij28571726	FBgn0004117	730.85	1459.69	1459.69	0	0	70	9.70E-07	1	LLEATQSADENNR	1.57E+07	control-Rep I
gij28571726	FBgn0004117	766.9	1531.79	1531.78	0	0	87	3.30E-08	1	LLTATESEVATQNR	2.86E+07	parkin null-Rep II
gij28571726	FBgn0004117	766.89	1531.77	1531.78	-0.01	0	80	1.50E-07	1	LLTATESEVATQNR	3.36E+07	parkin null-Rep I
gij28571726	FBgn0004117	766.9	1531.78	1531.78	0	0	84	5.40E-08	1	LLTATESEVATQNR	4.04E+07	control-Rep II
gij28571726	FBgn0004117	766.9	1531.78	1531.78	0	0	84	6.20E-08	1	LLTATESEVATQNR	4.66E+07	control-Rep I
gij28571726	FBgn0004117	860.38	1718.74	1718.73	0.01	0	82	1.60E-08	1	SLADEMDSTFAELAGY	1.45E+07	parkin null-Rep II
gij28571726	FBgn0004117	860.38	1718.75	1718.73	0.01	0	82	1.90E-08	1	SLADEMDSTFAELAGY	1.69E+07	parkin null-Rep I
gij28571726	FBgn0004117	860.38	1718.74	1718.73	0.01	0	81	2.10E-08	1	SLADEMDSTFAELAGY	1.87E+07	control-Rep I
gij28571726	FBgn0004117	860.38	1718.74	1718.73	0.01	0	90	2.80E-09	1	SLADEMDSTFAELAGY	2.07E+07	control-Rep II
gij103432	FBgn0004169	614.85	1227.69	1227.69	0	0	51	0.00015	1	AQELWELIVK	2.74E+07	parkin null-Rep I
gij103432	FBgn0004169	614.85	1227.69	1227.69	0	0	53	8.60E-05	1	AQELWELIVK	3.09E+07	parkin null-Rep II

gil103432	FBgn0004169	614.86	1227.7	1227.69	0.01	0	51	0.00013	1	AQELWELIVK	3.37E+07	control-Rep II
gil103432	FBgn0004169	614.85	1227.69	1227.69	0	0	56	4.30E-05	1	AQELWELIVK	4.89E+07	control-Rep I
gil103432	FBgn0004169	688.85	1375.69	1375.68	0.01	0	73	8.10E-07	1	DAGVLGLSSAAMER	1.42E+07	parkin null-Rep I
gil103432	FBgn0004169	688.85	1375.68	1375.68	0	0	67	2.50E-06	1	DAGVLGLSSAAMER	1.59E+07	control-Rep II
gil103432	FBgn0004169	688.84	1375.68	1375.68	0	0	68	2.50E-06	1	DAGVLGLSSAAMER	1.76E+07	parkin null-Rep II
gil103432	FBgn0004169	688.85	1375.68	1375.68	0	0	66	3.50E-06	1	DAGVLGLSSAAMER	2.09E+07	control-Rep I
gil103432	FBgn0004169	475.57	1423.69	1423.68	0.01	1	22	0.078	1	LETEKYDLEER	1.42E+06	parkin null-Rep II
gil103432	FBgn0004169	475.57	1423.67	1423.68	-0.01	1	25	0.029	1	LETEKYDLEER	2.49E+06	control-Rep I
gil103432	FBgn0004169	640.81	1279.61	1279.61	0	0	59	1.20E-05	1	LFEGGWDEISK	2.17E+07	parkin null-Rep I
gil103432	FBgn0004169	640.81	1279.61	1279.61	0.01	0	62	6.30E-06	1	LFEGGWDEISK	2.67E+07	control-Rep II
gil103432	FBgn0004169	640.81	1279.61	1279.61	0	0	56	2.10E-05	1	LFEGGWDEISK	2.88E+07	parkin null-Rep II
gil103432	FBgn0004169	640.81	1279.61	1279.61	0	0	59	1.20E-05	1	LFEGGWDEISK	3.03E+07	control-Rep I
gil103432	FBgn0004169	927.44	1852.87	1852.85	0.02	1	33	0.0073	1	LFEGGWDEISKDSNEK	7.70E+05	parkin null-Rep II
gil103432	FBgn0004169	927.44	1852.87	1852.85	0.02	1	52	0.0001	1	LFEGGWDEISKDSNEK	1.70E+06	control-Rep II
gil19550069	FBgn0004363	545.28	1088.55	1088.53	0.01	0	32	0.02	1	ADSDVNIDLK	1.01E+07	parkin null-Rep II
gil19550069	FBgn0004363	545.27	1088.53	1088.53	0	0	24	0.071	1	ADSDVNIDLK	1.21E+07	parkin null-Rep I
gil19550069	FBgn0004363	545.27	1088.53	1088.53	0	0	25	0.048	1	ADSDVNIDLK	1.52E+07	control-Rep II
gil19550069	FBgn0004363	545.27	1088.53	1088.53	0	0	27	0.032	1	ADSDVNIDLK	2.07E+07	control-Rep I
gil19550069	FBgn0004363	650.96	1949.87	1949.87	0	0	32	0.0023	1	TSSGIEFNTAGHSNQESGK	9.09E+06	parkin null-Rep II
gil19550069	FBgn0004363	650.96	1949.87	1949.87	0	0	34	0.0015	1	TSSGIEFNTAGHSNQESGK	1.11E+07	parkin null-Rep I
gil19550069	FBgn0004363	650.96	1949.87	1949.87	0	0	40	0.0003	1	TSSGIEFNTAGHSNQESGK	1.34E+07	control-Rep II
gil19550069	FBgn0004363	650.96	1949.87	1949.87	0	0	31	0.0029	1	TSSGIEFNTAGHSNQESGK	1.37E+07	control-Rep I
gil19550069	FBgn0004363	753.39	1504.76	1504.76	0	0	95	6.20E-09	1	VNNASQVGLGYQQK	5.07E+06	parkin null-Rep II
gil19550069	FBgn0004363	753.39	1504.77	1504.76	0	0	77	3.00E-07	1	VNNASQVGLGYQQK	7.54E+06	parkin null-Rep I
gil19550069	FBgn0004363	753.39	1504.76	1504.76	0	0	90	1.70E-08	1	VNNASQVGLGYQQK	7.70E+06	control-Rep II
gil19550069	FBgn0004363	753.39	1504.76	1504.76	0	0	76	4.70E-07	1	VNNASQVGLGYQQK	1.09E+07	control-Rep I
gil19550069	FBgn0004363	1267.65	2533.29	2533.27	0.02	0	109	2.60E-10	1	WNTDNTLFTEVAVQDQLEGLK	6.60E+05	parkin null-Rep II
gil19550069	FBgn0004363	1267.65	2533.29	2533.27	0.02	0	81	1.70E-07	1	WNTDNTLFTEVAVQDQLEGLK	9.06E+05	control-Rep I
gil19550069	FBgn0004363	1267.66	2533.31	2533.27	0.04	0	73	8.60E-07	1	WNTDNTLFTEVAVQDQLEGLK	1.15E+06	parkin null-Rep I
gil19550069	FBgn0004363	591.27	1180.54	1180.54	0	0	59	1.10E-05	1	YQLDDASVR	1.49E+07	parkin null-Rep II
gil19550069	FBgn0004363	591.27	1180.53	1180.54	0	0	46	0.0002	1	YQLDDASVR	1.98E+07	parkin null-Rep I
gil19550069	FBgn0004363	591.27	1180.53	1180.54	0	0	49	9.50E-05	1	YQLDDASVR	2.19E+07	control-Rep II
gil19550069	FBgn0004363	591.27	1180.53	1180.54	0	0	54	2.50E-05	1	YQLDDASVR	2.38E+07	control-Rep I
gil45549139	FBgn0004432	813.46	1624.91	1624.88	0.02	0	73	7.60E-07	1	HVVFGEVVEGLDVVK	4.32E+06	control-Rep II
gil118099	FBgn0004432	813.45	1624.89	1624.88	0	0	61	1.70E-05	1	HVVFGEVVEGLDVVK	4.38E+06	parkin null-Rep II
gil118099	FBgn0004432	813.45	1624.89	1624.88	0	0	79	2.20E-07	1	HVVFGEVVEGLDVVK	6.23E+06	parkin null-Rep I
gil118099	FBgn0004432	813.45	1624.89	1624.88	0	0	61	1.60E-05	1	HVVFGEVVEGLDVVK	8.71E+06	control-Rep I
gil118099	FBgn0004432	501.3	1000.59	1000.59	-0.01	1	32	0.013	1	KIIVANS GSL	1.49E+06	parkin null-Rep II
gil45549139	FBgn0004432	501.3	1000.59	1000.59	-0.01	1	36	0.0059	1	KIIVANS GSL	3.18E+06	control-Rep II

gil118099	FBgn0004432	501.3	1000.59	1000.59	-0.01	1	33	0.01	1	KIIVANSGL	4.15E+06	control-Rep I
gil118099	FBgn0004432	600.96	1799.87	1799.87	0	1	37	0.0016	1	SIYGNKFPDENFELK	2.84E+07	parkin null-Rep II
gil45549139	FBgn0004432	600.97	1799.88	1799.87	0.01	1	25	0.041	1	SIYGNKFPDENFELK	3.02E+07	control-Rep II
gil118099	FBgn0004432	600.97	1799.87	1799.87	0	1	29	0.012	1	SIYGNKFPDENFELK	3.22E+07	control-Rep I
gil118099	FBgn0004432	600.97	1799.87	1799.87	0	1	22	0.067	1	SIYGNKFPDENFELK	3.51E+07	parkin null-Rep I
gil45549139	FBgn0004432	806.38	1610.74	1610.74	0	0	50	8.30E-05	1	VFFDMTADNEPLGR	4.96E+07	control-Rep II
gil118099	FBgn0004432	806.37	1610.73	1610.74	-0.01	0	65	2.40E-06	1	VFFDMTADNEPLGR	5.24E+07	parkin null-Rep II
gil118099	FBgn0004432	806.38	1610.74	1610.74	0	0	42	0.00045	1	VFFDMTADNEPLGR	5.64E+07	control-Rep I
gil118099	FBgn0004432	806.38	1610.75	1610.74	0.01	0	41	0.00068	1	VFFDMTADNEPLGR	5.64E+07	parkin null-Rep I
gil103129	FBgn0004435	902.46	1802.91	1802.91	0	0	50	0.00024	1	IEQADYLPTEQDILR	3.62E+06	control-Rep II
gil103129	FBgn0004435	902.47	1802.93	1802.91	0.02	0	37	0.0055	1	IEQADYLPTEQDILR	3.69E+06	control-Rep I
gil103129	FBgn0004435	902.46	1802.91	1802.91	0	0	56	5.80E-05	1	IEQADYLPTEQDILR	3.92E+06	parkin null-Rep I
gil103129	FBgn0004435	902.47	1802.93	1802.91	0.02	0	46	0.00061	1	IEQADYLPTEQDILR	4.40E+06	parkin null-Rep II
gil103129	FBgn0004435	1076.58	2151.15	2151.13	0.02	0	67	3.60E-06	1	VPTTGILEYFPDLDGIVFR	6.96E+06	parkin null-Rep II
gil103129	FBgn0004435	1076.58	2151.14	2151.13	0.01	0	58	1.90E-05	1	VPTTGILEYFPDLDGIVFR	8.24E+06	parkin null-Rep I
gil103129	FBgn0004435	1076.58	2151.15	2151.13	0.02	0	79	1.50E-07	1	VPTTGILEYFPDLDGIVFR	9.70E+06	control-Rep I
gil103129	FBgn0004435	1076.58	2151.15	2151.13	0.03	0	82	7.70E-08	1	VPTTGILEYFPDLDGIVFR	9.78E+06	control-Rep II
gil5305433	FBgn0004507	893.39	1784.77	1784.77	0	0	55	6.10E-06	1	DSLHFDYFEMEPQK	3.68E+06	control-Rep II
gil24581010	FBgn0004507	893.4	1784.79	1784.77	0.01	0	63	3.10E-06	1	DSLHFDYFEMEPQK	6.15E+06	control-Rep I
gil5305433	FBgn0004507	836.91	1671.81	1671.79	0.02	0	93	4.70E-09	1	FFNDGDYIQAVLDR	6.76E+06	parkin null-Rep II
gil5305433	FBgn0004507	836.9	1671.79	1671.79	0	0	81	6.50E-08	1	FFNDGDYIQAVLDR	8.11E+06	parkin null-Rep I
gil5305433	FBgn0004507	836.91	1671.8	1671.79	0.02	0	86	2.70E-08	1	FFNDGDYIQAVLDR	1.34E+07	control-Rep II
gil24581010	FBgn0004507	836.91	1671.8	1671.79	0.01	0	83	4.60E-08	1	FFNDGDYIQAVLDR	1.37E+07	control-Rep I
gil5305433	FBgn0004507	608.33	1214.65	1214.65	-0.01	0	30	0.03	1	GIAEVGNVTEVK	5.37E+06	control-Rep II
gil24581010	FBgn0004507	608.33	1214.65	1214.65	-0.01	0	27	0.06	1	GIAEVGNVTEVK	8.25E+06	control-Rep I
gil5305433	FBgn0004507	1240.6	2479.18	2479.16	0.02	0	93	3.70E-09	1	IMPAADLSEQISTAGTEASGTGNMK	3.41E+06	parkin null-Rep II
gil5305433	FBgn0004507	1240.58	2479.15	2479.16	-0.01	0	100	1.00E-09	1	IMPAADLSEQISTAGTEASGTGNMK	6.12E+06	parkin null-Rep I
gil24581010	FBgn0004507	827.39	2479.16	2479.16	0	0	44	0.00026	1	IMPAADLSEQISTAGTEASGTGNMK	9.01E+06	control-Rep I
gil5305433	FBgn0004507	689.86	1377.71	1377.7	0.01	0	41	0.0014	1	INPSSMFDIQVK	4.40E+06	parkin null-Rep II
gil5305433	FBgn0004507	689.86	1377.71	1377.7	0.01	0	49	0.00025	1	INPSSMFDIQVK	5.74E+06	control-Rep II
gil24581010	FBgn0004507	689.86	1377.71	1377.7	0.01	0	49	0.00026	1	INPSSMFDIQVK	6.66E+06	control-Rep I
gil5305433	FBgn0004507	949.01	1896.01	1895.98	0.03	0	76	3.40E-07	1	LICAVGNVVNNDPIVGDK	4.56E+06	parkin null-Rep II
gil24581010	FBgn0004507	948.99	1895.96	1895.98	-0.02	0	71	1.00E-06	1	LICAVGNVVNNDPIVGDK	5.57E+06	control-Rep I
gil5305433	FBgn0004507	949	1895.98	1895.98	0	0	71	1.10E-06	1	LICAVGNVVNNDPIVGDK	6.89E+06	control-Rep II
gil5305433	FBgn0004507	1111.55	2221.09	2221.08	0.01	0	64	7.40E-06	1	QVIDIQGGFFSPGNPNEFK	1.86E+06	parkin null-Rep II
gil5305433	FBgn0004507	1111.54	2221.07	2221.08	-0.01	0	71	8.90E-07	1	QVIDIQGGFFSPGNPNEFK	3.06E+06	control-Rep II
gil24581010	FBgn0004507	1111.55	2221.09	2221.08	0	0	79	1.60E-07	1	QVIDIQGGFFSPGNPNEFK	3.70E+06	control-Rep I
gil24581010	FBgn0004507	849.41	2545.22	2545.22	0	0	27	0.019	1	VFAMPYDNPIPGYNNNHVNTLR	1.98E+07	control-Rep I
gil5305433	FBgn0004507	849.42	2545.23	2545.22	0.01	0	22	0.055	1	VFAMPYDNPIPGYNNNHVNTLR	2.04E+07	control-Rep II

gi 5305433	FBgn0004507	921.5	1840.98	1840.98	0.01	0	73	5.70E-07	1	WLLLCNPGLSDLIAEK	8.47E+06	parkin null-Rep I
gi 5305433	FBgn0004507	921.51	1841	1840.98	0.02	0	71	8.40E-07	1	WLLLCNPGLSDLIAEK	1.31E+07	control-Rep II
gi 24581010	FBgn0004507	921.5	1840.99	1840.98	0.02	0	91	1.00E-08	1	WLLLCNPGLSDLIAEK	1.36E+07	control-Rep I
gi 5305433	FBgn0004507	705.42	1408.82	1408.81	0.01	0	99	7.10E-10	1	WPVSLLESILPR	1.21E+07	parkin null-Rep II
gi 5305433	FBgn0004507	705.41	1408.81	1408.81	0	0	80	7.00E-08	1	WPVSLLESILPR	1.58E+07	parkin null-Rep I
gi 5305433	FBgn0004507	705.42	1408.83	1408.81	0.02	0	68	1.10E-06	1	WPVSLLESILPR	1.97E+07	control-Rep II
gi 24581010	FBgn0004507	705.41	1408.81	1408.81	0	0	76	2.80E-07	1	WPVSLLESILPR	2.23E+07	control-Rep I
gi 118314	FBgn0004516	907.49	1812.96	1812.97	0	0	66	4.10E-06	1	ALPLQLIEDCATTLK	1.54E+07	parkin null-Rep I
gi 118314	FBgn0004516	907.49	1812.97	1812.97	0.01	0	89	2.00E-08	1	ALPLQLIEDCATTLK	1.59E+07	control-Rep II
gi 118314	FBgn0004516	907.49	1812.96	1812.97	-0.01	0	65	4.90E-06	1	ALPLQLIEDCATTLK	1.59E+07	parkin null-Rep II
gi 118314	FBgn0004516	907.5	1812.99	1812.97	0.02	0	67	3.40E-06	1	ALPLQLIEDCATTLK	1.67E+07	control-Rep I
gi 118314	FBgn0004516	968.98	1935.95	1935.96	-0.02	0	41	0.00098	1	LTAYDLMPTTVTAGPETR	3.14E+06	control-Rep I
gi 118314	FBgn0004516	968.99	1935.97	1935.96	0.01	0	48	0.00023	1	LTAYDLMPTTVTAGPETR	4.68E+06	parkin null-Rep II
gi 118314	FBgn0004516	580.85	1159.69	1159.69	0	0	52	4.40E-05	1	VIDVLLDFVK	7.21E+06	parkin null-Rep I
gi 118314	FBgn0004516	580.85	1159.69	1159.69	0	0	48	0.00011	1	VIDVLLDFVK	9.23E+06	parkin null-Rep II
gi 118314	FBgn0004516	580.85	1159.69	1159.69	0	0	43	0.00034	1	VIDVLLDFVK	1.46E+07	control-Rep I
gi 280603	FBgn0004551	822.05	2463.13	2463.13	0	0	35	0.0016	1	CLALAVADSPMKPDEMGLDSTK	3.79E+06	control-Rep I
gi 280603	FBgn0004551	822.05	2463.13	2463.13	0	0	58	1.00E-05	1	CLALAVADSPMKPDEMGLDSTK	4.49E+06	parkin null-Rep II
gi 12644163	FBgn0004551	741.08	2220.21	2220.2	0.01	1	22	0.045	1	EIVPGDLVEVSVGDKIPADIR	2.06E+07	parkin null-Rep I
gi 12644163	FBgn0004551	741.08	2220.22	2220.2	0.02	1	24	0.03	1	EIVPGDLVEVSVGDKIPADIR	2.12E+07	control-Rep II
gi 280603	FBgn0004551	741.08	2220.21	2220.2	0.01	1	27	0.014	1	EIVPGDLVEVSVGDKIPADIR	2.20E+07	control-Rep I
gi 280603	FBgn0004551	737.44	1472.86	1472.85	0.01	0	69	8.00E-07	1	FSIPVVLLDETLK	2.04E+07	parkin null-Rep II
gi 12644163	FBgn0004551	737.44	1472.86	1472.85	0.01	0	77	1.30E-07	1	FSIPVVLLDETLK	2.50E+07	parkin null-Rep I
gi 12644163	FBgn0004551	737.43	1472.86	1472.85	0.01	0	61	5.80E-06	1	FSIPVVLLDETLK	2.70E+07	control-Rep II
gi 280603	FBgn0004551	737.44	1472.86	1472.85	0.01	0	62	3.80E-06	1	FSIPVVLLDETLK	2.73E+07	control-Rep I
gi 280603	FBgn0004551	794.94	1587.86	1587.87	-0.01	0	52	0.0001	1	IDQSILTGESVSVIK	1.15E+07	parkin null-Rep II
gi 12644163	FBgn0004551	794.94	1587.87	1587.87	0	0	64	4.10E-06	1	IDQSILTGESVSVIK	1.29E+07	control-Rep II
gi 12644163	FBgn0004551	794.94	1587.87	1587.87	-0.01	0	58	2.00E-05	1	IDQSILTGESVSVIK	1.59E+07	parkin null-Rep I
gi 280603	FBgn0004551	794.95	1587.89	1587.87	0.01	0	53	5.30E-05	1	IDQSILTGESVSVIK	1.78E+07	control-Rep I
gi 12644163	FBgn0004551	1375.66	2749.31	2749.33	-0.02	0	42	0.00099	1	IVEFLQSMNEISAMTGDGVNDAPALK	2.25E+06	parkin null-Rep I
gi 280603	FBgn0004551	1375.67	2749.32	2749.33	-0.01	0	42	0.00056	1	IVEFLQSMNEISAMTGDGVNDAPALK	4.16E+06	control-Rep I
gi 280603	FBgn0004551	501.95	1502.81	1502.81	0	1	38	0.002	1	KAEIGIAMGSGTAVAK	5.18E+06	parkin null-Rep II
gi 12644163	FBgn0004551	501.95	1502.83	1502.81	0.02	1	36	0.003	1	KAEIGIAMGSGTAVAK	7.33E+06	parkin null-Rep I
gi 12644163	FBgn0004551	752.42	1502.83	1502.81	0.01	1	76	4.80E-07	1	KAEIGIAMGSGTAVAK	7.38E+06	control-Rep II
gi 280603	FBgn0004551	501.95	1502.81	1502.81	0	1	44	0.00062	1	KAEIGIAMGSGTAVAK	1.29E+07	control-Rep I
gi 280603	FBgn0004551	976.96	1951.91	1951.92	-0.02	0	99	8.60E-10	1	SLPSVETLGCTSVICS DK	5.43E+06	parkin null-Rep II
gi 280603	FBgn0004551	976.97	1951.93	1951.92	0	0	77	2.00E-07	1	SLPSVETLGCTSVICS DK	7.00E+06	control-Rep I
gi 12644163	FBgn0004551	976.96	1951.91	1951.92	-0.02	0	75	2.00E-07	1	SLPSVETLGCTSVICS DK	9.92E+06	control-Rep II
gi 280603	FBgn0004551	698.35	1394.69	1394.68	0	0	46	0.00091	1	TGTLTTNQMSVSR	1.33E+06	parkin null-Rep II

gil12644163	FBgn0004551	698.35	1394.69	1394.68	0	0	42	0.0021	1	TGTLTTNQMSVSR	1.84E+06	parkin null-Rep I
gil280603	FBgn0004551	698.35	1394.69	1394.68	0	0	52	0.00022	1	TGTLTTNQMSVSR	2.66E+06	control-Rep I
gil12644163	FBgn0004551	698.35	1394.68	1394.68	0	0	58	4.00E-05	1	TGTLTTNQMSVSR	2.82E+06	control-Rep II
gil280603	FBgn0004551	870.42	1738.82	1738.82	0	0	72	5.50E-07	1	TVEQSLNFFGTDPER	1.03E+07	parkin null-Rep II
gil12644163	FBgn0004551	870.42	1738.82	1738.82	0	0	61	7.00E-06	1	TVEQSLNFFGTDPER	1.29E+07	control-Rep II
gil12644163	FBgn0004551	870.43	1738.84	1738.82	0.02	0	86	2.30E-08	1	TVEQSLNFFGTDPER	1.30E+07	parkin null-Rep I
gil280603	FBgn0004551	870.41	1738.81	1738.82	-0.01	0	69	1.30E-06	1	TVEQSLNFFGTDPER	1.60E+07	control-Rep I
gil479373	FBgn0004574	593.82	1185.63	1185.64	-0.01	0	38	0.0039	1	NIDLAASVQQK	2.86E+06	parkin null-Rep II
gil479373	FBgn0004574	593.83	1185.65	1185.64	0.01	0	49	0.00024	1	NIDLAASVQQK	3.94E+06	control-Rep II
gil479373	FBgn0004574	593.82	1185.63	1185.64	-0.01	0	53	0.00011	1	NIDLAASVQQK	4.51E+06	control-Rep I
gil479373	FBgn0004574	796.86	1591.7	1591.7	-0.01	0	84	1.70E-08	1	VEQDLAMGTDAEGEK	1.95E+06	parkin null-Rep I
gil479373	FBgn0004574	796.85	1591.69	1591.7	-0.01	0	60	2.90E-06	1	VEQDLAMGTDAEGEK	2.06E+06	parkin null-Rep II
gil479373	FBgn0004574	796.86	1591.71	1591.7	0	0	67	9.60E-07	1	VEQDLAMGTDAEGEK	3.15E+06	control-Rep II
gil157529	FBgn0004623	774.84	1547.67	1547.67	-0.01	0	54	9.80E-06	1	ELMGYEGFLSSCR	5.40E+06	parkin null-Rep I
gil71878	FBgn0004623	774.85	1547.69	1547.67	0.01	0	41	0.0003	1	ELMGYEGFLSSCR	6.93E+06	control-Rep II
gil71878	FBgn0004623	774.84	1547.67	1547.67	-0.01	0	44	9.10E-05	1	ELMGYEGFLSSCR	8.40E+06	parkin null-Rep II
gil71878	FBgn0004623	774.85	1547.69	1547.67	0.01	0	40	0.00045	1	ELMGYEGFLSSCR	9.99E+06	control-Rep I
gil157529	FBgn0004623	537.26	1072.5	1072.5	0	0	48	8.80E-05	1	HCVTGSLDGK	1.93E+06	parkin null-Rep I
gil71878	FBgn0004623	537.26	1072.5	1072.5	0.01	0	45	0.00018	1	HCVTGSLDGK	2.33E+06	parkin null-Rep II
gil71878	FBgn0004623	537.26	1072.5	1072.5	0	0	44	0.00017	1	HCVTGSLDGK	3.02E+06	control-Rep II
gil71878	FBgn0004623	537.26	1072.5	1072.5	0	0	42	0.00027	1	HCVTGSLDGK	4.76E+06	control-Rep I
gil71878	FBgn0004623	662.34	1322.67	1322.65	0.01	0	33	0.014	1	LYDEINGMIQK	3.44E+06	parkin null-Rep II
gil71878	FBgn0004623	662.33	1322.65	1322.65	-0.01	0	57	4.10E-05	1	LYDEINGMIQK	3.81E+06	control-Rep II
gil71878	FBgn0004623	662.33	1322.65	1322.65	-0.01	0	51	0.00017	1	LYDEINGMIQK	6.26E+06	control-Rep I
gil157529	FBgn0004623	396.86	1187.56	1187.57	-0.01	0	27	0.014	1	VNSVHFAGDSR	3.04E+05	parkin null-Rep I
gil71878	FBgn0004623	396.86	1187.56	1187.57	-0.01	0	30	0.007	1	VNSVHFAGDSR	4.87E+05	control-Rep I
gil480358	FBgn0004868	824.89	1647.77	1647.77	-0.01	0	48	0.00012	1	DDEYLNPAVNTIR	4.20E+06	control-Rep II
gil480358	FBgn0004868	824.89	1647.77	1647.77	-0.01	0	58	1.30E-05	1	DDEYLNPAVNTIR	4.67E+06	control-Rep I
gil480358	FBgn0004868	824.89	1647.77	1647.77	-0.01	0	63	4.20E-06	1	DDEYLNPAVNTIR	5.73E+06	parkin null-Rep II
gil480358	FBgn0004868	721.35	1440.68	1440.66	0.01	0	71	6.60E-07	1	EALASDLMGMFEK	1.22E+07	parkin null-Rep II
gil480358	FBgn0004868	721.34	1440.67	1440.66	0	0	82	4.10E-08	1	EALASDLMGMFEK	1.27E+07	control-Rep II
gil480358	FBgn0004868	721.34	1440.66	1440.66	0	0	84	2.10E-08	1	EALASDLMGMFEK	1.29E+07	parkin null-Rep I
gil480358	FBgn0004868	721.34	1440.67	1440.66	0	0	98	1.10E-09	1	EALASDLMGMFEK	1.43E+07	control-Rep I
gil480358	FBgn0004868	645.02	1932.04	1932.03	0.01	1	44	0.00044	1	KSDIYVSLVSSTHQVAAK	4.04E+06	parkin null-Rep II
gil480358	FBgn0004868	645.02	1932.03	1932.03	0	1	29	0.013	1	KSDIYVSLVSSTHQVAAK	5.51E+06	parkin null-Rep I
gil480358	FBgn0004868	645.02	1932.04	1932.03	0.01	1	33	0.0053	1	KSDIYVSLVSSTHQVAAK	6.17E+06	control-Rep II
gil290211	FBgn0004873	1098.59	2195.16	2195.15	0	0	33	0.0059	1	DGGAGASGILQQLSDIVGVPVSR	2.75E+06	control-Rep I
gil290211	FBgn0004873	732.73	2195.17	2195.15	0.02	0	33	0.0046	1	DGGAGASGILQQLSDIVGVPVSR	3.41E+06	control-Rep II
gil290211	FBgn0004873	746.87	1491.73	1491.72	0	0	85	4.10E-08	1	FAAVAAAEDGAATAEK	2.26E+05	parkin null-Rep I

gil290211	FBgn0004873	746.86	1491.71	1491.72	-0.02	0	89	1.30E-08	1	FAAVAAAEDGAATAEK	2.72E+06	control-Rep I
gil290211	FBgn0004873	978.17	2931.47	2931.47	0	1	56	2.30E-05	1	KYPQSEPETEHQVIEIQTQQAPVPR	1.41E+06	parkin null-Rep I
gil290211	FBgn0004873	978.16	2931.47	2931.47	0	1	56	2.70E-05	1	KYPQSEPETEHQVIEIQTQQAPVPR	3.11E+06	control-Rep II
gil384212	FBgn0004873	939.05	1876.09	1876.07	0.03	0	33	0.0016	1	LLPVGLDNLVLIPEESR	7.58E+06	parkin null-Rep II
gil290211	FBgn0004873	939.05	1876.09	1876.07	0.02	0	27	0.0079	1	LLPVGLDNLVLIPEESR	7.59E+06	control-Rep II
gil290211	FBgn0004873	939.04	1876.07	1876.07	0	0	30	0.0045	1	LLPVGLDNLVLIPEESR	8.87E+06	parkin null-Rep I
gil290211	FBgn0004873	939.05	1876.09	1876.07	0.02	0	30	0.0041	1	LLPVGLDNLVLIPEESR	9.14E+06	control-Rep I
gil112683	FBgn0004907	595.34	1188.66	1188.65	0	0	57	3.50E-05	1	DSTLIMQLLR	6.19E+07	control-Rep II
gil112683	FBgn0004907	595.34	1188.66	1188.65	0.01	0	62	1.00E-05	1	DSTLIMQLLR	7.06E+07	parkin null-Rep I
gil112683	FBgn0004907	595.34	1188.66	1188.65	0	0	54	6.70E-05	1	DSTLIMQLLR	7.80E+07	control-Rep I
gil112683	FBgn0004907	595.34	1188.66	1188.65	0.01	0	57	3.90E-05	1	DSTLIMQLLR	7.87E+07	parkin null-Rep II
gil112683	FBgn0004907	726.38	1450.75	1450.74	0.01	0	61	1.50E-05	1	EICYEVLGLLDK	1.50E+07	parkin null-Rep I
gil112683	FBgn0004907	726.38	1450.74	1450.74	0	0	58	2.70E-05	1	EICYEVLGLLDK	2.13E+07	control-Rep I
gil112683	FBgn0004907	726.38	1450.74	1450.74	0.01	0	72	1.00E-06	1	EICYEVLGLLDK	2.23E+07	control-Rep II
gil112683	FBgn0004907	726.38	1450.74	1450.74	0.01	0	72	1.10E-06	1	EICYEVLGLLDK	2.35E+07	parkin null-Rep II
gil112683	FBgn0004907	1058.98	2115.95	2115.96	-0.01	0	117	9.30E-12	1	NTVVDDSQTAYQDAFDISK	1.80E+07	control-Rep I
gil112683	FBgn0004907	1058.99	2115.96	2115.96	0	0	120	5.20E-12	1	NTVVDDSQTAYQDAFDISK	1.83E+07	control-Rep II
gil112683	FBgn0004907	1058.99	2115.96	2115.96	0	0	127	8.80E-13	1	NTVVDDSQTAYQDAFDISK	1.87E+07	parkin null-Rep II
gil112683	FBgn0004907	1058.99	2115.96	2115.96	0	0	128	7.80E-13	1	NTVVDDSQTAYQDAFDISK	2.18E+07	parkin null-Rep I
gil112683	FBgn0004907	1079.5	2156.99	2156.97	0.01	0	104	2.70E-10	1	QAFDDAIAELDTLNEDSYK	2.33E+07	parkin null-Rep I
gil112683	FBgn0004907	1079.5	2156.99	2156.97	0.01	0	108	9.10E-11	1	QAFDDAIAELDTLNEDSYK	2.73E+07	parkin null-Rep II
gil112683	FBgn0004907	1079.5	2156.98	2156.97	0.01	0	84	2.40E-08	1	QAFDDAIAELDTLNEDSYK	3.06E+07	control-Rep II
gil112683	FBgn0004907	1079.5	2156.99	2156.97	0.02	0	95	2.30E-09	1	QAFDDAIAELDTLNEDSYK	3.33E+07	control-Rep I
gil112683	FBgn0004907	775.37	1548.73	1548.73	0.01	0	75	3.80E-07	1	SVTETGVELSNEER	2.16E+07	parkin null-Rep II
gil112683	FBgn0004907	775.37	1548.73	1548.73	0	0	72	8.10E-07	1	SVTETGVELSNEER	2.58E+07	parkin null-Rep I
gil112683	FBgn0004907	775.37	1548.73	1548.73	0	0	91	1.00E-08	1	SVTETGVELSNEER	3.12E+07	control-Rep II
gil112683	FBgn0004907	775.37	1548.73	1548.73	0	0	82	8.10E-08	1	SVTETGVELSNEER	3.25E+07	control-Rep I
gil112683	FBgn0004907	583.3	1164.58	1164.58	0	0	49	0.00013	1	YLAEVATGDAR	4.60E+06	parkin null-Rep II
gil112683	FBgn0004907	583.3	1164.58	1164.58	0	0	41	0.0011	1	YLAEVATGDAR	5.41E+06	parkin null-Rep I
gil112683	FBgn0004907	583.3	1164.58	1164.58	0	0	52	8.30E-05	1	YLAEVATGDAR	7.01E+06	control-Rep II
gil112683	FBgn0004907	583.29	1164.57	1164.58	-0.01	0	24	0.11	1	YLAEVATGDAR	8.56E+06	control-Rep I
gil3929670	FBgn0005664	618.81	1235.61	1235.61	0	0	44	0.00071	1	FNSLEELQTR	3.07E+07	parkin null-Rep II
gil17136792	FBgn0005664	618.82	1235.62	1235.61	0	0	57	3.50E-05	1	FNSLEELQTR	3.61E+07	parkin null-Rep I
gil3929670	FBgn0005664	618.82	1235.62	1235.61	0.01	0	53	9.20E-05	1	FNSLEELQTR	3.95E+07	control-Rep II
gil17136792	FBgn0005664	618.81	1235.61	1235.61	0	0	56	4.00E-05	1	FNSLEELQTR	4.43E+07	control-Rep I
gil3929670	FBgn0005664	1108.98	3323.92	3323.88	0.04	0	53	3.00E-06	1	LLDQQTLLLAQSLPSIQATVVSHPTLLATR	5.03E+07	control-Rep II
gil3929670	FBgn0005664	1108.98	3323.92	3323.88	0.04	0	57	1.20E-06	1	LLDQQTLLLAQSLPSIQATVVSHPTLLATR	6.01E+07	parkin null-Rep II
gil17136792	FBgn0005664	1108.98	3323.92	3323.88	0.04	0	50	6.20E-06	1	LLDQQTLLLAQSLPSIQATVVSHPTLLATR	6.17E+07	parkin null-Rep I
gil17136792	FBgn0005664	1108.97	3323.9	3323.88	0.01	0	54	2.80E-06	1	LLDQQTLLLAQSLPSIQATVVSHPTLLATR	7.05E+07	control-Rep I

gij3929670	FBgn0005664	700.37	1398.72	1398.73	0	0	73	6.90E-07	1	LLNNDLWQLDR	1.32E+08	control-Rep II
gij3929670	FBgn0005664	700.37	1398.73	1398.73	0	0	72	7.50E-07	1	LLNNDLWQLDR	1.53E+08	parkin null-Rep II
gij17136792	FBgn0005664	700.37	1398.73	1398.73	0.01	0	73	7.00E-07	1	LLNNDLWQLDR	1.58E+08	parkin null-Rep I
gij17136792	FBgn0005664	700.37	1398.73	1398.73	0.01	0	64	5.30E-06	1	LLNNDLWQLDR	1.66E+08	control-Rep I
gij17136792	FBgn0005664	568.3	1134.59	1134.59	0	0	49	0.00034	1	LPVSTTTSSSR	3.84E+05	parkin null-Rep I
gij17136792	FBgn0005664	568.3	1134.59	1134.59	0	0	43	0.0015	1	LPVSTTTSSSR	4.02E+05	control-Rep I
gij17136792	FBgn0005664	1003.87	3008.59	3008.55	0.04	0	95	2.80E-09	1	LTAQAIAEAQSLVEAQQASQLQLEAQNR	1.00E+07	control-Rep I
gij17136792	FBgn0005664	1003.87	3008.58	3008.55	0.03	0	89	1.30E-08	1	LTAQAIAEAQSLVEAQQASQLQLEAQNR	1.47E+07	parkin null-Rep I
gij3929670	FBgn0005664	1003.87	3008.58	3008.55	0.02	0	92	6.00E-09	1	LTAQAIAEAQSLVEAQQASQLQLEAQNR	1.62E+07	control-Rep II
gij3929670	FBgn0005664	1003.87	3008.57	3008.55	0.02	0	98	1.50E-09	1	LTAQAIAEAQSLVEAQQASQLQLEAQNR	1.97E+07	parkin null-Rep II
gij3929670	FBgn0005664	1055.89	3164.66	3164.65	0	1	113	3.50E-11	1	LTAQAIAEAQSLVEAQQASQLQLEAQNR	7.94E+06	control-Rep II
gij17136792	FBgn0005664	1055.9	3164.67	3164.65	0.02	1	126	1.30E-12	1	LTAQAIAEAQSLVEAQQASQLQLEAQNR	1.82E+07	parkin null-Rep I
gij3929670	FBgn0005664	1323.14	2644.27	2644.24	0.02	0	65	2.60E-06	1	NQAQQLMEQFQQVQQEQQR	2.73E+05	parkin null-Rep II
gij17136792	FBgn0005664	882.42	2644.24	2644.24	0	0	21	0.13	1	NQAQQLMEQFQQVQQEQQR	1.85E+06	control-Rep I
gij3929670	FBgn0005664	519.28	1554.82	1554.83	-0.01	1	29	0.037	1	RLNNDLWQLDR	9.04E+06	parkin null-Rep II
gij3929670	FBgn0005664	519.28	1554.82	1554.83	-0.01	1	26	0.068	1	RLNNDLWQLDR	9.21E+06	control-Rep II
gij17136792	FBgn0005664	778.43	1554.85	1554.83	0.02	1	26	0.047	1	RLNNDLWQLDR	1.47E+07	parkin null-Rep I
gij3929670	FBgn0005664	793.4	1584.8	1584.8	0	0	92	9.00E-09	1	SSNLQQQQQQLR	4.01E+05	parkin null-Rep II
gij3929670	FBgn0005664	793.41	1584.8	1584.8	0	0	82	1.20E-07	1	SSNLQQQQQQLR	5.91E+05	control-Rep II
gij17136792	FBgn0005664	793.4	1584.79	1584.8	-0.01	0	81	2.00E-07	1	SSNLQQQQQQLR	6.32E+05	control-Rep I
gij17136792	FBgn0005664	793.41	1584.81	1584.8	0.01	0	82	1.10E-07	1	SSNLQQQQQQLR	7.66E+05	parkin null-Rep I
gij17136792	FBgn0005664	1312.07	3933.19	3933.14	0.05	0	36	0.0008	1	SSQPLILSQPSATVQAQLISSPLLESGLNGLITTR	3.72E+06	parkin null-Rep I
gij3929670	FBgn0005664	1312.06	3933.16	3933.14	0.02	0	21	0.02	1	SSQPLILSQPSATVQAQLISSPLLESGLNGLITTR	3.83E+06	control-Rep II
gij24646341	FBgn0005671	1168.63	2335.24	2335.22	0.02	0	52	6.60E-05	1	AVVGEEALTPDDLLEYLFLTK	2.41E+06	parkin null-Rep II
gij24646341	FBgn0005671	1168.61	2335.21	2335.22	-0.01	0	64	6.50E-06	1	AVVGEEALTPDDLLEYLFLTK	3.31E+06	parkin null-Rep I
gij24646341	FBgn0005671	1168.63	2335.25	2335.22	0.03	0	56	2.40E-05	1	AVVGEEALTPDDLLEYLFLTK	6.70E+06	control-Rep I
gij24646341	FBgn0005671	760.9	1519.79	1519.79	0	0	76	4.30E-07	1	AVVQVFEGTSGIDAK	1.25E+07	parkin null-Rep II
gij24646341	FBgn0005671	760.9	1519.79	1519.79	0	0	89	2.50E-08	1	AVVQVFEGTSGIDAK	1.42E+07	parkin null-Rep I
gij24646341	FBgn0005671	688.89	1375.77	1375.75	0.02	0	64	6.30E-06	1	IPASILAEFYPR	6.66E+06	parkin null-Rep I
gij24646341	FBgn0005671	688.88	1375.75	1375.75	0	0	60	1.60E-05	1	IPASILAEFYPR	7.46E+06	control-Rep I
gij24646341	FBgn0005671	688.88	1375.75	1375.75	0	0	75	4.30E-07	1	IPASILAEFYPR	7.65E+06	control-Rep II
gij24646341	FBgn0005671	688.89	1375.77	1375.75	0.02	0	79	2.00E-07	1	IPASILAEFYPR	8.14E+06	parkin null-Rep II
gij24646341	FBgn0005671	726.72	2177.15	2177.14	0.01	0	49	0.00012	1	IPIFSAAGLPHNEIAAQICR	2.59E+07	parkin null-Rep II
gij24646341	FBgn0005671	726.72	2177.15	2177.14	0	0	55	3.20E-05	1	IPIFSAAGLPHNEIAAQICR	2.71E+07	control-Rep II
gij24646341	FBgn0005671	726.72	2177.15	2177.14	0.01	0	66	2.70E-06	1	IPIFSAAGLPHNEIAAQICR	2.75E+07	parkin null-Rep I
gij24646341	FBgn0005671	726.72	2177.15	2177.14	0	0	50	9.00E-05	1	IPIFSAAGLPHNEIAAQICR	3.04E+07	control-Rep I
gij24646341	FBgn0005671	817.75	2450.23	2450.22	0.01	0	51	9.10E-05	1	IYPEEMIQTGISAIDVMNSIAR	1.45E+07	parkin null-Rep I
gij24646341	FBgn0005671	817.76	2450.25	2450.22	0.03	0	85	3.80E-08	1	IYPEEMIQTGISAIDVMNSIAR	1.58E+07	parkin null-Rep II
gij24646341	FBgn0005671	817.75	2450.24	2450.22	0.02	0	80	1.20E-07	1	IYPEEMIQTGISAIDVMNSIAR	1.61E+07	control-Rep I

gil24646341	FBgn0005671	817.76	2450.25	2450.22	0.03	0	62	7.70E-06	1	YYPEEMIQTGISAIDVMNSIAR	1.70E+07	control-Rep II
gil24646341	FBgn0005671	719.86	1437.7	1437.69	0	0	61	8.80E-06	1	NTLCEFTGDILR	1.07E+07	control-Rep II
gil24646341	FBgn0005671	719.85	1437.69	1437.69	0	0	69	1.50E-06	1	NTLCEFTGDILR	1.08E+07	parkin null-Rep I
gil24646341	FBgn0005671	719.86	1437.71	1437.69	0.01	0	67	2.10E-06	1	NTLCEFTGDILR	1.40E+07	control-Rep I
gil24646341	FBgn0005671	791.96	1581.9	1581.89	0.01	0	44	0.00043	1	QIYPPVNVLP SLR	1.72E+07	parkin null-Rep II
gil24646341	FBgn0005671	791.95	1581.89	1581.89	0	0	25	0.032	1	QIYPPVNVLP SLR	1.93E+07	control-Rep II
gil24646341	FBgn0005671	791.95	1581.89	1581.89	0	0	37	0.0019	1	QIYPPVNVLP SLR	2.27E+07	control-Rep I
gil24646341	FBgn0005671	545.79	1089.57	1089.57	0	0	25	0.067	1	SGQVLEVSGSK	2.14E+05	parkin null-Rep II
gil24646341	FBgn0005671	545.79	1089.57	1089.57	0	0	28	0.032	1	SGQVLEVSGSK	3.12E+05	parkin null-Rep I
gil24646341	FBgn0005671	545.79	1089.57	1089.57	0	0	38	0.003	1	SGQVLEVSGSK	5.75E+05	control-Rep II
gil24646341	FBgn0005671	545.79	1089.57	1089.57	0	0	31	0.015	1	SGQVLEVSGSK	6.62E+05	control-Rep I
gil24646341	FBgn0005671	820.47	1638.93	1638.92	0.01	0	63	5.70E-06	1	TVSGVNGPLVILDEVK	1.42E+07	control-Rep II
gil24646341	FBgn0005671	820.47	1638.93	1638.92	0.01	0	53	5.20E-05	1	TVSGVNGPLVILDEVK	1.73E+07	parkin null-Rep I
gil24646341	FBgn0005671	820.47	1638.93	1638.92	0.01	0	45	0.00022	1	TVSGVNGPLVILDEVK	2.00E+07	control-Rep I
gil103304	FBgn0005776	724.41	2170.21	2170.19	0.02	0	31	0.014	1	ISPFLEASVIDAQVKPTL DK	1.29E+06	parkin null-Rep I
gil103304	FBgn0005776	724.4	2170.18	2170.19	-0.01	0	24	0.08	1	ISPFLEASVIDAQVKPTL DK	2.16E+06	control-Rep II
gil103304	FBgn0005776	828.1	2481.29	2481.26	0.03	0	39	0.0017	1	LAIIEYMPALAGQLGQEFFDQK	4.15E+06	parkin null-Rep I
gil103304	FBgn0005776	828.1	2481.28	2481.26	0.02	0	57	2.80E-05	1	LAIIEYMPALAGQLGQEFFDQK	4.84E+06	control-Rep I
gil103304	FBgn0005776	828.1	2481.28	2481.26	0.02	0	67	2.70E-06	1	LAIIEYMPALAGQLGQEFFDQK	5.18E+06	parkin null-Rep II
gil103304	FBgn0005776	828.1	2481.28	2481.26	0.02	0	61	9.70E-06	1	LAIIEYMPALAGQLGQEFFDQK	5.34E+06	control-Rep II
gil17864292	FBgn0010100	853.42	1704.82	1704.82	0	0	43	0.00059	1	LDFNPLTDEL TGADGK	8.67E+06	parkin null-Rep I
gil17864292	FBgn0010100	853.42	1704.83	1704.82	0.01	0	62	8.30E-06	1	LDFNPLTDEL TGADGK	1.14E+07	parkin null-Rep II
gil17864292	FBgn0010100	853.43	1704.84	1704.82	0.02	0	55	4.40E-05	1	LDFNPLTDEL TGADGK	1.34E+07	control-Rep II
gil17864292	FBgn0010100	853.42	1704.82	1704.82	0	0	49	0.00017	1	LDFNPLTDEL TGADGK	1.45E+07	control-Rep I
gil17864292	FBgn0010100	566.97	1697.89	1697.89	0	0	30	0.015	1	LNHTLNDLQIGWFK	4.52E+06	control-Rep II
gil17864292	FBgn0010100	566.97	1697.89	1697.89	0	0	25	0.049	1	LNHTLNDLQIGWFK	7.59E+06	control-Rep I
gil17864292	FBgn0010100	743.39	2227.14	2227.14	0	0	21	0.084	1	VAVPSTVHCDHLIEAQIGGPK	2.11E+07	parkin null-Rep I
gil17864292	FBgn0010100	743.39	2227.14	2227.14	0	0	24	0.043	1	VAVPSTVHCDHLIEAQIGGPK	2.36E+07	control-Rep II
gil17864292	FBgn0010100	743.39	2227.15	2227.14	0	0	27	0.023	1	VAVPSTVHCDHLIEAQIGGPK	2.72E+07	control-Rep I
gil17864292	FBgn0010100	923.4	1844.79	1844.8	-0.01	0	64	7.70E-07	1	VGLIGSCTNSSYEDMGR	6.84E+06	parkin null-Rep II
gil17864292	FBgn0010100	923.41	1844.81	1844.8	0	0	53	2.30E-05	1	VGLIGSCTNSSYEDMGR	7.23E+06	parkin null-Rep I
gil17864292	FBgn0010100	923.41	1844.8	1844.8	0	0	77	4.90E-08	1	VGLIGSCTNSSYEDMGR	9.21E+06	control-Rep I
gil287945	FBgn0010217	994.53	1987.05	1987.03	0.02	0	90	1.50E-08	1	AIAELGIYPAVDPLDSTSR	3.10E+07	parkin null-Rep II
gil287945	FBgn0010217	994.52	1987.03	1987.03	0.01	0	74	6.50E-07	1	AIAELGIYPAVDPLDSTSR	3.35E+07	control-Rep II
gil287945	FBgn0010217	994.53	1987.04	1987.03	0.01	0	78	2.40E-07	1	AIAELGIYPAVDPLDSTSR	3.48E+07	parkin null-Rep I
gil24638766	FBgn0010217	994.53	1987.04	1987.03	0.01	0	78	2.50E-07	1	AIAELGIYPAVDPLDSTSR	3.83E+07	control-Rep I
gil287945	FBgn0010217	961.5	1920.99	1920.96	0.03	0	84	5.30E-08	1	DQEGQDVLLFIDNIFR	5.69E+06	parkin null-Rep I
gil287945	FBgn0010217	961.49	1920.97	1920.96	0.01	0	80	1.40E-07	1	DQEGQDVLLFIDNIFR	6.46E+06	parkin null-Rep II
gil24638766	FBgn0010217	961.49	1920.96	1920.96	0.01	0	86	4.00E-08	1	DQEGQDVLLFIDNIFR	1.14E+07	control-Rep I

gij24638766	FBgn0010217	990.99	1979.97	1979.95	0.01	0	73	5.60E-07	1	EGNDLYNEMIEGGVISLK	1.48E+06	control-Rep I
gij287945	FBgn0010217	990.99	1979.97	1979.95	0.01	0	95	3.90E-09	1	EGNDLYNEMIEGGVISLK	3.74E+06	parkin null-Rep II
gij287945	FBgn0010217	655.01	1962	1962	0	0	39	0.0019	1	FLSQPFQVAEVFTGHAGK	4.93E+07	parkin null-Rep II
gij287945	FBgn0010217	655.01	1962.01	1962	0.01	0	42	0.00087	1	FLSQPFQVAEVFTGHAGK	5.62E+07	control-Rep II
gij287945	FBgn0010217	655.01	1962	1962	0	0	39	0.0019	1	FLSQPFQVAEVFTGHAGK	6.29E+07	parkin null-Rep I
gij24638766	FBgn0010217	655.01	1962	1962	0	0	43	0.00063	1	FLSQPFQVAEVFTGHAGK	7.36E+07	control-Rep I
gij287945	FBgn0010217	718.38	1434.75	1434.75	0	0	75	4.50E-07	1	FTQAGSEVSALLGR	6.27E+07	parkin null-Rep II
gij287945	FBgn0010217	718.38	1434.75	1434.75	0	0	74	6.80E-07	1	FTQAGSEVSALLGR	6.39E+07	parkin null-Rep I
gij287945	FBgn0010217	718.38	1434.75	1434.75	0.01	0	70	1.50E-06	1	FTQAGSEVSALLGR	6.47E+07	control-Rep II
gij24638766	FBgn0010217	718.38	1434.75	1434.75	0	0	82	1.10E-07	1	FTQAGSEVSALLGR	7.69E+07	control-Rep I
gij287945	FBgn0010217	488.29	974.57	974.55	0.01	0	42	0.0012	1	IGLFGGAGVGK	8.52E+06	parkin null-Rep I
gij287945	FBgn0010217	488.29	974.57	974.55	0.01	0	38	0.0031	1	IGLFGGAGVGK	8.61E+06	parkin null-Rep II
gij287945	FBgn0010217	488.29	974.57	974.55	0.01	0	40	0.002	1	IGLFGGAGVGK	1.23E+07	control-Rep II
gij24638766	FBgn0010217	488.28	974.55	974.55	-0.01	0	37	0.0052	1	IGLFGGAGVGK	1.75E+07	control-Rep I
gij287945	FBgn0010217	935.46	1868.91	1868.92	-0.01	0	46	0.00044	1	IMDPNIIGQEHYNVAR	1.86E+07	control-Rep II
gij24638766	FBgn0010217	623.98	1868.92	1868.92	0	0	31	0.0088	1	IMDPNIIGQEHYNVAR	2.81E+07	control-Rep I
gij287945	FBgn0010217	1126.55	2251.08	2251.06	0.01	0	85	3.10E-08	1	IPSAVGYQPTLATDMGSMQER	5.21E+07	parkin null-Rep II
gij287945	FBgn0010217	1126.53	2251.05	2251.06	-0.01	0	74	3.20E-07	1	IPSAVGYQPTLATDMGSMQER	6.14E+07	control-Rep II
gij287945	FBgn0010217	1126.54	2251.06	2251.06	0	0	70	8.90E-07	1	IPSAVGYQPTLATDMGSMQER	6.45E+07	parkin null-Rep I
gij24638766	FBgn0010217	1126.54	2251.07	2251.06	0.01	0	79	1.20E-07	1	IPSAVGYQPTLATDMGSMQER	7.35E+07	control-Rep I
gij287945	FBgn0010217	506.79	1011.57	1011.57	-0.01	0	34	0.0031	1	IPVGAETLGR	8.91E+05	control-Rep II
gij24638766	FBgn0010217	506.79	1011.57	1011.57	-0.01	0	33	0.0043	1	IPVGAETLGR	1.53E+06	control-Rep I
gij287945	FBgn0010217	559.98	1676.93	1676.92	0	0	58	1.70E-05	1	LVLEVAQHLGENTVR	1.13E+08	parkin null-Rep II
gij24638766	FBgn0010217	559.98	1676.92	1676.92	0	0	55	3.30E-05	1	LVLEVAQHLGENTVR	1.19E+08	control-Rep I
gij287945	FBgn0010217	839.47	1676.92	1676.92	0	0	76	2.80E-07	1	LVLEVAQHLGENTVR	1.23E+08	control-Rep II
gij287945	FBgn0010217	839.47	1676.92	1676.92	0	0	76	3.00E-07	1	LVLEVAQHLGENTVR	1.26E+08	parkin null-Rep I
gij287945	FBgn0010217	887.14	2658.4	2658.38	0.02	1	64	3.60E-06	1	SLQDIIAILGMDDELSEEDKLTVAR	1.99E+07	parkin null-Rep II
gij287945	FBgn0010217	887.14	2658.41	2658.38	0.03	1	72	5.60E-07	1	SLQDIIAILGMDDELSEEDKLTVAR	2.27E+07	parkin null-Rep I
gij287945	FBgn0010217	887.14	2658.39	2658.38	0.02	1	64	4.50E-06	1	SLQDIIAILGMDDELSEEDKLTVAR	2.57E+07	control-Rep II
gij24638766	FBgn0010217	887.14	2658.39	2658.38	0.02	1	77	1.90E-07	1	SLQDIIAILGMDDELSEEDKLTVAR	3.28E+07	control-Rep I
gij287945	FBgn0010217	729.43	1456.84	1456.83	0.01	0	68	1.40E-06	1	TVLIMELINNVAK	2.59E+07	parkin null-Rep I
gij287945	FBgn0010217	729.43	1456.84	1456.83	0.01	0	76	1.90E-07	1	TVLIMELINNVAK	2.78E+07	parkin null-Rep II
gij287945	FBgn0010217	729.43	1456.84	1456.83	0.01	0	74	3.30E-07	1	TVLIMELINNVAK	4.57E+07	control-Rep II
gij24638766	FBgn0010217	729.42	1456.83	1456.83	0	0	83	4.40E-08	1	TVLIMELINNVAK	4.84E+07	control-Rep I
gij287945	FBgn0010217	720.4	1438.78	1438.78	0	0	78	2.10E-07	1	VALTGLTVAEYFR	2.78E+07	control-Rep II
gij287945	FBgn0010217	720.4	1438.79	1438.78	0	0	74	4.90E-07	1	VALTGLTVAEYFR	3.26E+07	parkin null-Rep II
gij287945	FBgn0010217	720.4	1438.79	1438.78	0.01	0	76	2.90E-07	1	VALTGLTVAEYFR	3.51E+07	parkin null-Rep I
gij24638766	FBgn0010217	720.4	1438.78	1438.78	0	0	78	2.00E-07	1	VALTGLTVAEYFR	4.57E+07	control-Rep I
gij287945	FBgn0010217	801.41	1600.81	1600.8	0	0	31	0.024	1	VALVYQMNEPPGAR	2.79E+06	parkin null-Rep II

gij287945	FBgn0010217	801.41	1600.81	1600.8	0.01	0	29	0.021	1	VALVYQGMNEPPGAR	6.43E+06	control-Rep II
gij24638766	FBgn0010217	801.42	1600.82	1600.8	0.01	0	31	0.012	1	VALVYQGMNEPPGAR	7.32E+06	control-Rep I
gij25012868	FBgn0010352	680.37	1358.73	1358.73	0	0	51	0.0003	1	LIAEGTVTAEVVK	4.66E+06	parkin null-Rep II
gij25012868	FBgn0010352	680.37	1358.73	1358.73	0	0	55	9.70E-05	1	LIAEGTVTAEVVK	4.87E+06	control-Rep II
gij25012868	FBgn0010352	680.38	1358.75	1358.73	0.02	0	35	0.0087	1	LIAEGTVTAEVVK	6.13E+06	parkin null-Rep I
gij28574585	FBgn0010352	680.37	1358.73	1358.73	0	0	61	2.70E-05	1	LIAEGTVTAEVVK	8.27E+06	control-Rep I
gij25012868	FBgn0010352	759.92	1517.83	1517.81	0.01	0	29	0.018	1	VEQISPPFDLVK	2.69E+06	parkin null-Rep II
gij25012868	FBgn0010352	759.92	1517.83	1517.81	0.01	0	33	0.0073	1	VEQISPPFDLVK	3.06E+06	control-Rep II
gij25012868	FBgn0010352	759.92	1517.83	1517.81	0.01	0	37	0.0029	1	VEQISPPFDLVK	4.45E+06	parkin null-Rep I
gij28574585	FBgn0010352	759.91	1517.81	1517.81	0	0	33	0.008	1	VEQISPPFDLVK	5.88E+06	control-Rep I
gij25012868	FBgn0010352	821.4	2461.18	2461.19	-0.01	0	33	0.0095	1	VVNAPIFHVNADDPEAVMHVCK	4.66E+06	control-Rep II
gij28574585	FBgn0010352	821.4	2461.19	2461.19	0	0	48	0.00014	1	VVNAPIFHVNADDPEAVMHVCK	5.57E+06	control-Rep I
gij481569	FBgn0010424	705.34	1408.67	1408.65	0.01	0	48	0.0003	1	FIVEEDAEAMQK	8.62E+06	parkin null-Rep I
gij481569	FBgn0010424	705.33	1408.65	1408.65	-0.01	0	52	8.70E-05	1	FIVEEDAEAMQK	9.08E+06	control-Rep II
gij481569	FBgn0010424	705.33	1408.65	1408.65	-0.01	0	55	3.90E-05	1	FIVEEDAEAMQK	1.26E+07	parkin null-Rep II
gij481569	FBgn0010424	705.33	1408.65	1408.65	-0.01	0	56	3.10E-05	1	FIVEEDAEAMQK	1.74E+07	control-Rep I
gij481569	FBgn0010424	937.46	1872.91	1872.93	-0.03	1	35	0.0063	1	ILEELIEEVEDKSGR	1.67E+06	control-Rep II
gij481569	FBgn0010424	625.32	1872.94	1872.93	0.01	1	53	0.00015	1	ILEELIEEVEDKSGR	4.95E+06	parkin null-Rep II
gij481569	FBgn0010424	751.9	1501.79	1501.78	0.01	0	50	0.00015	1	TGSIPTMVADILR	4.48E+07	parkin null-Rep I
gij481569	FBgn0010424	751.9	1501.79	1501.78	0.01	0	61	1.40E-05	1	TGSIPTMVADILR	4.57E+07	parkin null-Rep II
gij481569	FBgn0010424	751.91	1501.8	1501.78	0.02	0	68	2.20E-06	1	TGSIPTMVADILR	4.60E+07	control-Rep II
gij481569	FBgn0010424	751.9	1501.79	1501.78	0.01	0	67	3.30E-06	1	TGSIPTMVADILR	6.20E+07	control-Rep I
gij24652801	FBgn0010516	950.99	1899.97	1899.97	0.01	0	38	0.0021	1	AAVDAGFVPNDLQIGQTGK	3.07E+06	parkin null-Rep II
gij24652801	FBgn0010516	950.99	1899.97	1899.97	0	0	54	5.80E-05	1	AAVDAGFVPNDLQIGQTGK	3.43E+06	control-Rep II
gij24652801	FBgn0010516	951	1899.99	1899.97	0.02	0	57	3.00E-05	1	AAVDAGFVPNDLQIGQTGK	5.84E+06	parkin null-Rep I
gij24652801	FBgn0010516	714.41	1426.8	1426.79	0.01	0	59	1.70E-05	1	LDVSPISEIIDVK	3.72E+06	parkin null-Rep II
gij24652801	FBgn0010516	714.41	1426.81	1426.79	0.01	0	36	0.0046	1	LDVSPISEIIDVK	5.57E+06	control-Rep II
gij24652801	FBgn0010516	714.4	1426.79	1426.79	-0.01	0	49	0.00028	1	LDVSPISEIIDVK	6.25E+06	parkin null-Rep I
gij24658560	FBgn0011211	789.07	2364.2	2364.17	0.03	0	70	1.20E-06	1	EVAafaQFGSDldaATQLLNR	7.89E+06	parkin null-Rep II
gij24658560	FBgn0011211	789.07	2364.19	2364.17	0.02	0	68	1.90E-06	1	EVAafaQFGSDldaATQLLNR	8.19E+06	control-Rep II
gij24658560	FBgn0011211	789.08	2364.21	2364.17	0.04	0	52	7.40E-05	1	EVAafaQFGSDldaATQLLNR	9.16E+06	parkin null-Rep I
gij24658560	FBgn0011211	789.07	2364.19	2364.17	0.02	0	50	0.00012	1	EVAafaQFGSDldaATQLLNR	9.60E+06	control-Rep I
gij24658560	FBgn0011211	719.93	1437.84	1437.84	0	0	38	0.00072	1	GIRPAINVGLSVSR	2.80E+07	parkin null-Rep I
gij24658560	FBgn0011211	480.29	1437.85	1437.84	0	0	38	0.0009	1	GIRPAINVGLSVSR	3.41E+07	parkin null-Rep II
gij24658560	FBgn0011211	719.93	1437.85	1437.84	0	0	41	0.00037	1	GIRPAINVGLSVSR	4.00E+07	control-Rep II
gij24658560	FBgn0011211	719.93	1437.84	1437.84	0	0	43	0.00025	1	GIRPAINVGLSVSR	6.14E+07	control-Rep I
gij24658560	FBgn0011211	1044.54	2087.07	2087.04	0.03	0	58	3.60E-05	1	GMALNLEPDNVGVVVFGNDK	3.36E+06	control-Rep II
gij24658560	FBgn0011211	1044.53	2087.05	2087.04	0.01	0	81	1.00E-07	1	GMALNLEPDNVGVVVFGNDK	4.91E+06	control-Rep I
gij24658560	FBgn0011211	1044.54	2087.06	2087.04	0.02	0	60	1.20E-05	1	GMALNLEPDNVGVVVFGNDK	5.09E+06	parkin null-Rep II

gij24658560	FBgn0011211	1044.52	2087.03	2087.04	-0.01	0	60	2.00E-05	1	GMALNLEPDNVGVVVFVGN DK	5.13E+06	parkin null-Rep I
gij24658560	FBgn0011211	644.35	1286.69	1286.69	0	0	49	0.00039	1	HALIYDDL SK	2.65E+07	parkin null-Rep II
gij24658560	FBgn0011211	644.35	1286.69	1286.69	0	0	49	0.00041	1	HALIYDDL SK	3.00E+07	parkin null-Rep I
gij24658560	FBgn0011211	644.35	1286.69	1286.69	0	0	62	1.20E-05	1	HALIYDDL SK	4.94E+07	control-Rep I
gij24658560	FBgn0011211	630.82	1259.63	1259.64	-0.01	0	35	0.0056	1	SAEISNILEER	9.98E+06	control-Rep II
gij24658560	FBgn0011211	630.82	1259.63	1259.64	-0.01	0	36	0.0048	1	SAEISNILEER	1.34E+07	control-Rep I
gij24658560	FBgn0011211	650.88	1299.75	1299.74	0.01	0	71	8.90E-07	1	TALAI DTIINQK	3.49E+07	parkin null-Rep I
gij24658560	FBgn0011211	650.88	1299.75	1299.74	0.01	0	75	3.50E-07	1	TALAI DTIINQK	3.88E+07	control-Rep II
gij24658560	FBgn0011211	650.88	1299.74	1299.74	0	0	80	1.30E-07	1	TALAI DTIINQK	4.07E+07	parkin null-Rep II
gij24658560	FBgn0011211	650.88	1299.75	1299.74	0.01	0	66	2.50E-06	1	TALAI DTIINQK	4.85E+07	control-Rep I
gij24658560	FBgn0011211	805.94	1609.87	1609.87	0.01	0	64	4.00E-06	1	TGAI DV PVGDELLGR	8.68E+07	parkin null-Rep II
gij24658560	FBgn0011211	805.95	1609.88	1609.87	0.01	0	62	6.50E-06	1	TGAI DV PVGDELLGR	9.52E+07	parkin null-Rep I
gij24658560	FBgn0011211	805.94	1609.87	1609.87	0.01	0	57	2.30E-05	1	TGAI DV PVGDELLGR	1.03E+08	control-Rep II
gij24658560	FBgn0011211	805.94	1609.87	1609.87	0.01	0	58	1.90E-05	1	TGAI DV PVGDELLGR	1.09E+08	control-Rep I
gij24658560	FBgn0011211	645.35	1288.69	1288.69	0	0	72	1.80E-06	1	TSEQALLDTIAK	6.12E+06	control-Rep II
gij24658560	FBgn0011211	645.36	1288.7	1288.69	0.01	0	59	2.30E-05	1	TSEQALLDTIAK	6.99E+06	parkin null-Rep II
gij24658560	FBgn0011211	645.35	1288.69	1288.69	0	0	69	3.80E-06	1	TSEQALLDTIAK	9.80E+06	control-Rep I
gij28573630	FBgn0011643	1034.46	2066.91	2066.92	-0.02	0	85	1.30E-08	1	YGFGGGAGCLSTDTGAHLNR	3.57E+07	parkin null-Rep I
gij28573630	FBgn0011643	1034.47	2066.93	2066.92	0.01	0	80	5.40E-08	1	YGFGGGAGCLSTDTGAHLNR	4.30E+07	control-Rep II
gij28573630	FBgn0011643	689.98	2066.92	2066.92	0	0	45	0.00012	1	YGFGGGAGCLSTDTGAHLNR	4.58E+07	parkin null-Rep II
gij28573630	FBgn0011643	733	2195.97	2195.97	0	1	55	1.30E-05	1	YGFGGGAGCLSTDTGAHLNRE	8.24E+07	control-Rep II
gij28573630	FBgn0011643	733	2195.96	2195.97	0	1	59	5.00E-06	1	YGFGGGAGCLSTDTGAHLNRE	9.33E+07	parkin null-Rep I
gij28573630	FBgn0011643	733	2195.97	2195.97	0	1	63	1.80E-06	1	YGFGGGAGCLSTDTGAHLNRE	9.71E+07	parkin null-Rep II
gij28573630	FBgn0011643	733	2195.96	2195.97	0	1	49	4.10E-05	1	YGFGGGAGCLSTDTGAHLNRE	9.81E+07	control-Rep I
gij3851652	FBgn0011693	1149.02	2296.03	2296.02	0.01	0	100	6.90E-10	1	FVTVCPGATMTDMFTNFTEK	4.16E+07	parkin null-Rep II
gij3851652	FBgn0011693	1149.02	2296.03	2296.02	0.01	0	105	2.20E-10	1	FVTVCPGATMTDMFTNFTEK	4.69E+07	parkin null-Rep I
gij3851652	FBgn0011693	1149.03	2296.04	2296.02	0.02	0	91	6.10E-09	1	FVTVCPGATMTDMFTNFTEK	5.65E+07	control-Rep II
gij3851652	FBgn0011693	1149.02	2296.03	2296.02	0.01	0	103	3.40E-10	1	FVTVCPGATMTDMFTNFTEK	6.08E+07	control-Rep I
gij3851652	FBgn0011693	605.3	1208.59	1208.59	-0.01	0	36	0.0057	1	GVEATYEEIAK	2.31E+06	parkin null-Rep II
gij3851652	FBgn0011693	605.3	1208.59	1208.59	-0.01	0	52	0.00014	1	GVEATYEEIAK	3.88E+06	control-Rep II
gij3851652	FBgn0011693	605.31	1208.61	1208.59	0.01	0	48	0.00044	1	GVEATYEEIAK	3.98E+06	parkin null-Rep I
gij3851652	FBgn0011693	605.3	1208.59	1208.59	-0.01	0	57	3.90E-05	1	GVEATYEEIAK	6.46E+06	control-Rep I
gij3851652	FBgn0011693	764.43	1526.85	1526.84	0.01	0	114	5.60E-11	1	NAVVTGGAGGIGLQVSK	3.67E+07	parkin null-Rep I
gij3851652	FBgn0011693	764.43	1526.84	1526.84	0	0	103	6.00E-10	1	NAVVTGGAGGIGLQVSK	3.92E+07	parkin null-Rep II
gij3851652	FBgn0011693	764.43	1526.84	1526.84	0	0	95	4.40E-09	1	NAVVTGGAGGIGLQVSK	5.14E+07	control-Rep II
gij3851652	FBgn0011693	764.43	1526.84	1526.84	0	0	117	3.20E-11	1	NAVVTGGAGGIGLQVSK	6.46E+07	control-Rep I
gij3851652	FBgn0011693	1138.15	2274.28	2274.27	0.01	0	108	6.60E-11	1	TLLVNLGGIINSTLSALPYMGK	8.17E+06	parkin null-Rep II
gij3851652	FBgn0011693	1138.15	2274.28	2274.27	0.02	0	121	3.00E-12	1	TLLVNLGGIINSTLSALPYMGK	9.27E+06	control-Rep II
gij3851652	FBgn0011693	1138.14	2274.26	2274.27	-0.01	0	108	8.00E-11	1	TLLVNLGGIINSTLSALPYMGK	1.08E+07	parkin null-Rep I

gij3851652	FBgn0011693	1138.15	2274.28	2274.27	0.02	0	108	6.40E-11	1	TLNVNLLGGIINSTLSALPYMGK	1.43E+07	control-Rep I
gij3851652	FBgn0011693	873.47	1744.93	1744.92	0.01	0	72	7.90E-07	1	VAIIDLQDNLEEFVK	3.10E+07	parkin null-Rep I
gij3851652	FBgn0011693	873.48	1744.94	1744.92	0.02	0	91	9.50E-09	1	VAIIDLQDNLEEFVK	3.54E+07	parkin null-Rep II
gij3851652	FBgn0011693	873.47	1744.93	1744.92	0.01	0	68	2.30E-06	1	VAIIDLQDNLEEFVK	5.91E+07	control-Rep I
gij3851652	FBgn0011693	873.47	1744.93	1744.92	0	0	68	2.30E-06	1	VAIIDLQDNLEEFVK	9.91E+07	control-Rep II
gij17136986	FBgn0011726	734.85	1467.69	1467.69	0	0	51	5.50E-05	1	LFLMSWCPDTAK	2.57E+07	parkin null-Rep II
gij17136986	FBgn0011726	734.86	1467.71	1467.69	0.02	0	71	8.70E-07	1	LFLMSWCPDTAK	2.65E+07	control-Rep II
gij17136986	FBgn0011726	734.85	1467.69	1467.69	0	0	56	2.00E-05	1	LFLMSWCPDTAK	2.65E+07	parkin null-Rep I
gij17136986	FBgn0011726	734.86	1467.71	1467.69	0.02	0	64	3.80E-06	1	LFLMSWCPDTAK	3.19E+07	control-Rep I
gij17136986	FBgn0011726	806.89	1611.76	1611.74	0.02	0	52	5.40E-05	1	NAEYDQFLEDIQK	7.23E+07	control-Rep II
gij17136986	FBgn0011726	806.88	1611.75	1611.74	0.01	0	44	0.00034	1	NAEYDQFLEDIQK	7.30E+07	parkin null-Rep II
gij17136986	FBgn0011726	806.88	1611.75	1611.74	0	0	52	4.70E-05	1	NAEYDQFLEDIQK	8.35E+07	parkin null-Rep I
gij17136986	FBgn0011726	806.88	1611.74	1611.74	0	0	60	6.10E-06	1	NAEYDQFLEDIQK	8.39E+07	control-Rep I
gij17136986	FBgn0011726	573.3	1144.59	1144.57	0.01	0	30	0.032	1	QIDVETVADR	3.61E+06	parkin null-Rep II
gij17136986	FBgn0011726	573.29	1144.57	1144.57	-0.01	0	29	0.036	1	QIDVETVADR	4.29E+06	control-Rep II
gij17136986	FBgn0011726	573.3	1144.59	1144.57	0.01	0	32	0.02	1	QIDVETVADR	5.37E+06	parkin null-Rep I
gij17136986	FBgn0011726	573.29	1144.57	1144.57	-0.01	0	39	0.0035	1	QIDVETVADR	8.45E+06	control-Rep I
gij17136986	FBgn0011726	677.34	1352.67	1352.66	0.01	0	63	1.30E-05	1	YIQATDLSEASR	5.31E+06	parkin null-Rep II
gij17136986	FBgn0011726	677.34	1352.67	1352.66	0.01	0	56	7.10E-05	1	YIQATDLSEASR	5.95E+06	parkin null-Rep I
gij17136986	FBgn0011726	677.34	1352.67	1352.66	0.01	0	60	3.00E-05	1	YIQATDLSEASR	7.48E+06	control-Rep II
gij929571	FBgn0013334	987.76	2960.27	2960.29	-0.02	1	82	1.00E-08	1	KGAGADGAEGAEGAVAGEGGAASGAVSGGEDDDK	5.27E+06	parkin null-Rep I
gij929571	FBgn0013334	987.77	2960.28	2960.29	-0.01	1	83	1.00E-08	1	KGAGADGAEGAEGAVAGEGGAASGAVSGGEDDDK	8.15E+06	parkin null-Rep II
gij929571	FBgn0013334	987.77	2960.28	2960.29	-0.01	1	60	1.60E-06	1	KGAGADGAEGAEGAVAGEGGAASGAVSGGEDDDK	1.11E+07	control-Rep II
gij929571	FBgn0013334	1068.8	3203.38	3203.42	-0.04	2	97	1.70E-10	1	KGAGADGAEGAEGAVAGEGGAASGAVSGGEDDDKSR	1.63E+06	parkin null-Rep II
gij929571	FBgn0013334	1068.82	3203.44	3203.42	0.02	2	121	2.20E-12	1	KGAGADGAEGAEGAVAGEGGAASGAVSGGEDDDKSR	1.73E+06	control-Rep II
gij929571	FBgn0013334	1068.8	3203.38	3203.42	-0.04	2	63	4.90E-07	1	KGAGADGAEGAEGAVAGEGGAASGAVSGGEDDDKSR	2.50E+06	control-Rep I
gij27819775	FBgn0014002	718.87	1435.73	1435.72	0.01	0	63	8.30E-06	1	DLTSVADAEQFLK	1.02E+07	parkin null-Rep I
gij27819775	FBgn0014002	718.87	1435.72	1435.72	0	0	53	8.20E-05	1	DLTSVADAEQFLK	1.08E+07	control-Rep I
gij27819775	FBgn0014002	718.87	1435.73	1435.72	0.01	0	61	1.40E-05	1	DLTSVADAEQFLK	1.11E+07	parkin null-Rep II
gij27819775	FBgn0014002	718.87	1435.72	1435.72	0.01	0	55	5.00E-05	1	DLTSVADAEQFLK	1.26E+07	control-Rep II
gij27819775	FBgn0014002	744.06	2229.16	2229.14	0.02	0	32	0.0084	1	FAQQVSLPLIVDFNHESASK	1.06E+07	control-Rep II
gij27819775	FBgn0014002	744.06	2229.16	2229.14	0.01	0	33	0.0068	1	FAQQVSLPLIVDFNHESASK	1.10E+07	parkin null-Rep II
gij27819775	FBgn0014002	760.41	1518.81	1518.79	0.01	0	52	0.00018	1	VEEGLVATVDNFK	1.55E+06	parkin null-Rep II
gij27819775	FBgn0014002	760.41	1518.8	1518.79	0.01	0	44	0.00072	1	VEEGLVATVDNFK	6.41E+06	control-Rep I
gij27819775	FBgn0014002	686.01	2055.01	2055	0	0	56	3.30E-05	1	YKPESDDLSAETIEAFLK	4.00E+06	control-Rep II
gij27819775	FBgn0014002	686.01	2055.01	2055	0	0	53	5.80E-05	1	YKPESDDLSAETIEAFLK	4.61E+06	control-Rep I
gij27819775	FBgn0014002	686.01	2055.01	2055	0	0	47	0.00026	1	YKPESDDLSAETIEAFLK	5.27E+06	parkin null-Rep II
gij38048327	FBgn0015222	921.02	1840.02	1839.99	0.02	0	45	0.00027	1	GQLTEGVSDLINPTVAK	1.03E+07	parkin null-Rep II
gij6409189	FBgn0015222	921.01	1840.01	1839.99	0.01	0	65	2.70E-06	1	GQLTEGVSDLINPTVAK	1.27E+07	control-Rep II

gil6409189	FBgn0015222	921.01	1840.01	1839.99	0.01	0	33	0.0043	1	GQLTEGVSDLINVPTVAK	1.39E+07	control-Rep I
gil6409189	FBgn0015222	921.01	1840.01	1839.99	0.01	0	58	1.60E-05	1	GQLTEGVSDLINVPTVAK	1.78E+07	parkin null-Rep I
gil6409189	FBgn0015222	873.89	1745.77	1745.76	0	0	78	5.30E-08	1	MMDTNGELGEFLFDK	1.88E+06	control-Rep I
gil6409189	FBgn0015222	873.89	1745.77	1745.76	0	0	95	9.30E-10	1	MMDTNGELGEFLFDK	3.06E+06	control-Rep II
gil6409189	FBgn0015222	873.89	1745.77	1745.76	0	0	85	1.00E-08	1	MMDTNGELGEFLFDK	3.86E+06	parkin null-Rep I
gil24641193	FBgn0015245	955.54	1909.07	1909.06	0	0	49	0.00018	1	ISSVQSIIPALELANAQR	3.26E+06	control-Rep I
gil24641193	FBgn0015245	955.54	1909.07	1909.06	0.01	0	54	3.70E-05	1	ISSVQSIIPALELANAQR	5.72E+06	parkin null-Rep II
gil33636453	FBgn0015245	955.55	1909.09	1909.06	0.02	0	50	7.50E-05	1	ISSVQSIIPALELANAQR	6.27E+06	control-Rep II
gil24641193	FBgn0015245	1280.63	2559.25	2559.24	0	0	154	7.10E-15	1	LVQDVANNTNEEAGDGTATVTLAR	1.80E+06	parkin null-Rep I
gil33636453	FBgn0015245	1280.62	2559.23	2559.24	-0.01	0	122	6.60E-12	1	LVQDVANNTNEEAGDGTATVTLAR	3.79E+06	control-Rep II
gil24641193	FBgn0015245	1280.62	2559.23	2559.24	-0.01	0	121	8.50E-12	1	LVQDVANNTNEEAGDGTATVTLAR	7.96E+06	control-Rep I
gil24641193	FBgn0015245	566.3	1130.59	1130.58	0.01	0	33	0.016	1	NAGVDGAMVVAK	1.96E+06	parkin null-Rep I
gil24641193	FBgn0015245	566.3	1130.59	1130.58	0.01	0	32	0.02	1	NAGVDGAMVVAK	2.00E+06	parkin null-Rep II
gil33636453	FBgn0015245	566.29	1130.57	1130.58	0	0	41	0.0011	1	NAGVDGAMVVAK	2.87E+06	control-Rep II
gil24641193	FBgn0015245	566.3	1130.58	1130.58	0	0	26	0.053	1	NAGVDGAMVVAK	3.63E+06	control-Rep I
gil24641193	FBgn0015245	820.12	2457.33	2457.32	0.01	0	71	7.20E-07	1	TAITDASGVASLLTAEAVVTEIPK	6.11E+06	control-Rep I
gil33636453	FBgn0015245	820.12	2457.34	2457.32	0.02	0	73	4.10E-07	1	TAITDASGVASLLTAEAVVTEIPK	7.27E+06	control-Rep II
gil24641193	FBgn0015245	820.12	2457.35	2457.32	0.02	0	73	3.20E-07	1	TAITDASGVASLLTAEAVVTEIPK	7.45E+06	parkin null-Rep II
gil24641193	FBgn0015245	739.38	1476.75	1476.74	0.01	0	71	2.20E-06	1	TLTDELEVIEGMK	7.85E+06	parkin null-Rep I
gil24641193	FBgn0015245	739.38	1476.74	1476.74	0	0	73	6.70E-07	1	TLTDELEVIEGMK	8.45E+06	parkin null-Rep II
gil33636453	FBgn0015245	739.38	1476.74	1476.74	0	0	68	2.20E-06	1	TLTDELEVIEGMK	8.84E+06	control-Rep II
gil24641193	FBgn0015245	739.38	1476.75	1476.74	0.01	0	68	4.90E-06	1	TLTDELEVIEGMK	1.07E+07	control-Rep I
gil24641193	FBgn0015245	1210.6	3628.78	3628.81	-0.03	0	70	2.30E-06	1	TMSRPVSTPEEIAQVATISANGDQAIGNLISEAMK	5.21E+05	parkin null-Rep II
gil24641193	FBgn0015245	1210.62	3628.84	3628.81	0.03	0	71	1.70E-06	1	TMSRPVSTPEEIAQVATISANGDQAIGNLISEAMK	1.14E+06	control-Rep I
gil24641193	FBgn0015245	617.3	1232.59	1232.59	0	0	70	1.40E-06	1	VGSSEVEVNEK	1.14E+06	parkin null-Rep II
gil24641193	FBgn0015245	617.3	1232.59	1232.59	0	0	65	4.60E-06	1	VGSSEVEVNEK	1.15E+06	parkin null-Rep I
gil24641193	FBgn0015245	617.3	1232.58	1232.59	-0.01	0	77	2.40E-07	1	VGSSEVEVNEK	1.46E+06	control-Rep I
gil33636453	FBgn0015245	617.3	1232.59	1232.59	0	0	70	1.40E-06	1	VGSSEVEVNEK	1.65E+06	control-Rep II
gil24644298	FBgn0015324	778.7	2333.08	2333.07	0.01	1	29	0.012	1	HMMAFIEQEANEKAEIIDAK	4.88E+06	parkin null-Rep II
gil24644298	FBgn0015324	778.7	2333.08	2333.07	0.01	1	30	0.0079	1	HMMAFIEQEANEKAEIIDAK	7.48E+06	parkin null-Rep I
gil24644298	FBgn0015324	762.45	1522.88	1522.87	0.01	0	38	0.00087	1	LDLISQQLVPEIR	2.36E+07	parkin null-Rep II
gil24644298	FBgn0015324	762.45	1522.89	1522.87	0.01	0	42	0.00028	1	LDLISQQLVPEIR	2.37E+07	control-Rep II
gil24644298	FBgn0015324	762.45	1522.88	1522.87	0.01	0	53	3.00E-05	1	LDLISQQLVPEIR	2.67E+07	parkin null-Rep I
gil24644298	FBgn0015324	762.45	1522.88	1522.87	0.01	0	36	0.0015	1	LDLISQQLVPEIR	3.04E+07	control-Rep I
gil17137260	FBgn0016119	687.87	1373.73	1373.72	0.01	0	47	0.00038	1	ASDPIQQLFLDK	1.35E+07	parkin null-Rep II
gil17137260	FBgn0016119	687.87	1373.73	1373.72	0.01	0	46	0.00046	1	ASDPIQQLFLDK	1.45E+07	parkin null-Rep I
gil17137260	FBgn0016119	687.87	1373.73	1373.72	0.01	0	45	0.00064	1	ASDPIQQLFLDK	1.76E+07	control-Rep II
gil17137260	FBgn0016119	687.87	1373.72	1373.72	0	0	43	0.001	1	ASDPIQQLFLDK	2.21E+07	control-Rep I
gil17137260	FBgn0016119	627.31	1252.61	1252.61	0	0	38	0.002	1	FPEFQFPDVK	2.13E+07	parkin null-Rep I

gil17137260	FBgn0016119	627.32	1252.62	1252.61	0.01	0	43	0.0006	1	FPEFQFPDVK	2.15E+07	parkin null-Rep II
gil17137260	FBgn0016119	627.32	1252.62	1252.61	0	0	31	0.0092	1	FPEFQFPDVK	2.64E+07	control-Rep II
gil17137260	FBgn0016119	627.31	1252.61	1252.61	0	0	44	0.00049	1	FPEFQFPDVK	3.14E+07	control-Rep I
gil1490232	FBgn0016120	1043.51	2085	2085	0	0	77	2.00E-07	1	AVLANPECPPQIDWANYK	1.17E+07	parkin null-Rep II
gil1490232	FBgn0016120	1043.5	2084.99	2085	-0.01	0	80	7.70E-08	1	AVLANPECPPQIDWANYK	1.24E+07	control-Rep II
gil1490232	FBgn0016120	1043.51	2085	2085	0	0	74	4.00E-07	1	AVLANPECPPQIDWANYK	1.28E+07	parkin null-Rep I
gil1490232	FBgn0016120	686.89	1371.77	1371.78	-0.01	0	45	0.00048	1	LVPVAGLVDSFQK	4.12E+07	parkin null-Rep II
gil1490232	FBgn0016120	686.9	1371.78	1371.78	0	0	41	0.001	1	LVPVAGLVDSFQK	4.29E+07	parkin null-Rep I
gil1490232	FBgn0016120	686.9	1371.78	1371.78	0.01	0	49	0.00015	1	LVPVAGLVDSFQK	4.99E+07	control-Rep II
gil1490232	FBgn0016120	686.89	1371.77	1371.78	0	0	37	0.0024	1	LVPVAGLVDSFQK	5.15E+07	control-Rep I
gil1490232	FBgn0016120	488.57	1462.69	1462.68	0.01	1	26	0.025	1	SKEQLEAEAQGHH	3.58E+05	control-Rep I
gil1490232	FBgn0016120	488.57	1462.69	1462.68	0.01	1	21	0.071	1	SKEQLEAEAQGHH	3.70E+05	parkin null-Rep II
gil1490232	FBgn0016120	488.57	1462.69	1462.68	0.01	1	40	0.00093	1	SKEQLEAEAQGHH	4.33E+05	parkin null-Rep I
gil1490232	FBgn0016120	488.57	1462.69	1462.68	0.01	1	31	0.0073	1	SKEQLEAEAQGHH	5.06E+05	control-Rep II
gil1490232	FBgn0016120	881.39	1760.77	1760.77	-0.01	0	49	3.70E-05	1	SLLPYDQMTMEDYR	1.11E+07	parkin null-Rep II
gil1490232	FBgn0016120	881.4	1760.78	1760.77	0.01	0	50	3.60E-05	1	SLLPYDQMTMEDYR	1.36E+07	parkin null-Rep I
gil1490232	FBgn0016120	881.4	1760.78	1760.77	0	0	42	0.00023	1	SLLPYDQMTMEDYR	1.45E+07	control-Rep II
gil1490232	FBgn0016120	881.39	1760.77	1760.77	-0.01	0	41	0.00039	1	SLLPYDQMTMEDYR	1.59E+07	control-Rep I
gil1490232	FBgn0016120	538.29	1074.56	1074.56	0	0	41	0.0015	1	VSSQVDAEIK	4.79E+06	parkin null-Rep II
gil1490232	FBgn0016120	538.29	1074.56	1074.56	0	0	42	0.0014	1	VSSQVDAEIK	6.64E+06	parkin null-Rep I
gil1490232	FBgn0016120	538.29	1074.56	1074.56	0	0	37	0.0034	1	VSSQVDAEIK	7.36E+06	control-Rep II
gil1490232	FBgn0016120	538.28	1074.55	1074.56	0	0	37	0.0038	1	VSSQVDAEIK	9.78E+06	control-Rep I
gil24647054	FBgn0016691	871.49	1740.97	1740.95	0.01	0	69	2.00E-06	1	FAPATVNLLGLLADNGR	4.96E+06	parkin null-Rep I
gil1490236	FBgn0016691	871.49	1740.97	1740.95	0.02	0	74	4.00E-07	1	FAPATVNLLGLLADNGR	7.03E+06	parkin null-Rep II
gil1490236	FBgn0016691	871.49	1740.97	1740.95	0.01	0	73	4.90E-07	1	FAPATVNLLGLLADNGR	1.46E+07	control-Rep I
gil24647054	FBgn0016691	871.49	1740.97	1740.95	0.01	0	80	1.00E-07	1	FAPATVNLLGLLADNGR	1.47E+07	control-Rep II
gil1490236	FBgn0016691	673.01	2016.02	2016.02	0	0	47	0.00026	1	GEVVCEVVTAKPLDASQSK	4.71E+06	parkin null-Rep II
gil24647054	FBgn0016691	673.01	2016.01	2016.02	-0.01	0	43	0.00068	1	GEVVCEVVTAKPLDASQSK	8.22E+06	control-Rep II
gil1490236	FBgn0016691	673.01	2016.02	2016.02	0	0	38	0.0022	1	GEVVCEVVTAKPLDASQSK	1.17E+07	control-Rep I
gil7511958	FBgn0016724	670.85	1339.69	1339.69	-0.01	0	60	1.90E-05	1	AFQLALDYPPFR	1.01E+07	control-Rep I
gil7511958	FBgn0016724	670.85	1339.69	1339.69	-0.01	0	44	0.00062	1	AFQLALDYPPFR	1.19E+07	control-Rep II
gil7511958	FBgn0016724	670.85	1339.69	1339.69	0	0	53	6.80E-05	1	AFQLALDYPPFR	1.22E+07	parkin null-Rep II
gil7511958	FBgn0016724	670.86	1339.71	1339.69	0.01	0	40	0.0015	1	AFQLALDYPPFR	1.63E+07	parkin null-Rep I
gil7511958	FBgn0016724	636.7	1907.08	1907.07	0.01	0	45	0.00018	1	AIGEIVKPINDAAQEVIK	7.68E+06	control-Rep II
gil7511958	FBgn0016724	636.7	1907.08	1907.07	0.01	0	40	0.00053	1	AIGEIVKPINDAAQEVIK	1.07E+07	parkin null-Rep I
gil7511958	FBgn0016724	459.77	917.53	917.52	0.01	0	28	0.02	1	AQLTGSITK	5.01E+05	parkin null-Rep II
gil7511958	FBgn0016724	459.77	917.52	917.52	0	0	24	0.06	1	AQLTGSITK	9.06E+05	control-Rep II
gil7511958	FBgn0016724	459.77	917.53	917.52	0.01	0	27	0.024	1	AQLTGSITK	9.51E+05	parkin null-Rep I
gil7511958	FBgn0016724	459.76	917.51	917.52	-0.01	0	22	0.13	1	AQLTGSITK	1.12E+06	control-Rep I

gi 7511958	FBgn0016724	704.33	1406.64	1406.64	0	0	22	0.039	1	DFGYPYEFELK	8.45E+06	control-Rep II
gi 7511958	FBgn0016724	704.33	1406.65	1406.64	0.01	0	21	0.1	1	DFGYPYEFELK	1.13E+07	parkin null-Rep I
gi 7511958	FBgn0016724	465.28	1392.82	1392.81	0.01	0	49	0.00043	1	FDGALIHLIAPVK	5.86E+06	control-Rep II
gi 7511958	FBgn0016724	465.28	1392.82	1392.81	0.01	0	49	0.00039	1	FDGALIHLIAPVK	8.21E+06	parkin null-Rep I
gi 7511958	FBgn0016724	465.28	1392.81	1392.81	0	0	35	0.0017	1	FDGALIHLIAPVK	8.55E+06	control-Rep I
gi 7511958	FBgn0016724	623.32	1244.63	1244.61	0.01	0	27	0.056	1	GIHTQEAFSQK	2.94E+05	parkin null-Rep I
gi 7511958	FBgn0016724	415.88	1244.62	1244.61	0	0	24	0.065	1	GIHTQEAFSQK	4.95E+05	parkin null-Rep II
gi 7511958	FBgn0016724	660.31	1318.61	1318.62	-0.01	0	39	0.0016	1	HAQDYSLEASAK	1.74E+06	parkin null-Rep II
gi 7511958	FBgn0016724	660.31	1318.62	1318.62	0	0	63	3.70E-06	1	HAQDYSLEASAK	2.22E+06	parkin null-Rep I
gi 7511958	FBgn0016724	660.32	1318.62	1318.62	0	0	58	1.30E-05	1	HAQDYSLEASAK	2.25E+06	control-Rep II
gi 7511958	FBgn0016724	660.31	1318.61	1318.62	0	0	57	1.80E-05	1	HAQDYSLEASAK	2.64E+06	control-Rep I
gi 7511958	FBgn0016724	957.53	1913.05	1913.03	0.02	0	78	3.90E-07	1	IVNHLEIENVQLTETYSK	5.20E+06	control-Rep II
gi 7511958	FBgn0016724	957.52	1913.02	1913.03	0	0	56	6.70E-05	1	IVNHLEIENVQLTETYSK	8.33E+06	parkin null-Rep II
gi 7511958	FBgn0016724	1180.59	3538.75	3538.74	0.01	0	59	2.00E-05	1	LFGSELAFSLGDNIPSSLDDIINYFSTSFEK	1.69E+05	control-Rep II
gi 7511958	FBgn0016724	1180.6	3538.78	3538.74	0.04	0	79	2.30E-07	1	LFGSELAFSLGDNIPSSLDDIINYFSTSFEK	5.37E+05	parkin null-Rep II
gi 7511958	FBgn0016724	841.45	1680.89	1680.88	0.02	0	91	1.00E-08	1	MLNQITSSLADTLFK	3.49E+07	control-Rep II
gi 7511958	FBgn0016724	841.45	1680.89	1680.88	0.01	0	92	8.80E-09	1	MLNQITSSLADTLFK	3.71E+07	control-Rep I
gi 7511958	FBgn0016724	841.45	1680.88	1680.88	0.01	0	93	6.50E-09	1	MLNQITSSLADTLFK	3.90E+07	parkin null-Rep II
gi 7511958	FBgn0016724	841.45	1680.88	1680.88	0	0	90	1.20E-08	1	MLNQITSSLADTLFK	4.62E+07	parkin null-Rep I
gi 7511958	FBgn0016724	666.34	1995.99	1995.99	0	0	39	0.0018	1	QSDSETLLELAAPHPNPK	1.78E+07	control-Rep II
gi 7511958	FBgn0016724	666.34	1996.01	1995.99	0.01	0	34	0.0057	1	QSDSETLLELAAPHPNPK	1.85E+07	parkin null-Rep I
gi 7511958	FBgn0016724	666.34	1996	1995.99	0.01	0	44	0.00064	1	QSDSETLLELAAPHPNPK	2.01E+07	parkin null-Rep II
gi 7511958	FBgn0016724	666.34	1996	1995.99	0.01	0	41	0.0011	1	QSDSETLLELAAPHPNPK	2.42E+07	control-Rep I
gi 7511958	FBgn0016724	460.24	1377.69	1377.69	0.01	1	38	0.003	1	RQDFIDGTAEVK	3.60E+06	parkin null-Rep II
gi 7511958	FBgn0016724	689.85	1377.69	1377.69	0	1	65	6.20E-06	1	RQDFIDGTAEVK	5.16E+06	control-Rep II
gi 7511958	FBgn0016724	689.85	1377.69	1377.69	0	1	69	1.90E-06	1	RQDFIDGTAEVK	5.68E+06	control-Rep I
gi 7511958	FBgn0016724	689.85	1377.69	1377.69	0	1	54	5.80E-05	1	RQDFIDGTAEVK	5.81E+06	parkin null-Rep I
gi 7511958	FBgn0016724	703.84	1405.66	1405.66	0	1	26	0.024	1	RYSFNNEVSYK	8.78E+05	parkin null-Rep II
gi 7511958	FBgn0016724	703.84	1405.67	1405.66	0	1	30	0.011	1	RYSFNNEVSYK	1.16E+06	parkin null-Rep I
gi 7511958	FBgn0016724	871.89	1741.77	1741.77	0	0	93	1.50E-09	1	SFCDNCVEQITEK	2.04E+07	control-Rep II
gi 7511958	FBgn0016724	871.9	1741.78	1741.77	0.01	0	81	4.00E-08	1	SFCDNCVEQITEK	2.21E+07	control-Rep I
gi 7511958	FBgn0016724	871.89	1741.77	1741.77	0.01	0	71	2.50E-07	1	SFCDNCVEQITEK	2.22E+07	parkin null-Rep II
gi 7511958	FBgn0016724	871.89	1741.77	1741.77	0.01	0	76	8.70E-08	1	SFCDNCVEQITEK	2.40E+07	parkin null-Rep I
gi 7511958	FBgn0016724	1068.52	2135.03	2135.01	0.01	0	78	2.50E-07	1	SGLSQGNIDAQLSDTPFGSNK	5.71E+06	control-Rep I
gi 7511958	FBgn0016724	1068.52	2135.03	2135.01	0.01	0	59	2.30E-05	1	SGLSQGNIDAQLSDTPFGSNK	6.03E+06	control-Rep II
gi 7511958	FBgn0016724	1068.53	2135.04	2135.01	0.03	0	68	1.90E-06	1	SGLSQGNIDAQLSDTPFGSNK	6.45E+06	parkin null-Rep II
gi 7511958	FBgn0016724	1068.53	2135.04	2135.01	0.02	0	65	3.60E-06	1	SGLSQGNIDAQLSDTPFGSNK	1.07E+07	parkin null-Rep I
gi 7511958	FBgn0016724	890.93	1779.85	1779.84	0	0	80	1.00E-07	1	SLSGNTVAALSECASGTR	2.34E+07	control-Rep II
gi 7511958	FBgn0016724	890.92	1779.83	1779.84	-0.01	0	83	4.90E-08	1	SLSGNTVAALSECASGTR	2.77E+07	control-Rep I

gij7511958	FBgn0016724	890.93	1779.84	1779.84	-0.01	0	80	9.80E-08	1	SLSGNTVAALSECASTGR	2.94E+07	parkin null-Rep I
gij7511958	FBgn0016724	890.93	1779.85	1779.84	0.01	0	76	2.70E-07	1	SLSGNTVAALSECASTGR	3.10E+07	parkin null-Rep II
gij7511958	FBgn0016724	708.72	2123.14	2123.12	0.02	1	24	0.032	1	SVDKETLNQAASQLLPNAPK	2.00E+07	control-Rep II
gij7511958	FBgn0016724	708.72	2123.13	2123.12	0.01	1	24	0.037	1	SVDKETLNQAASQLLPNAPK	2.31E+07	parkin null-Rep I
gij7511958	FBgn0016724	708.71	2123.12	2123.12	0	1	39	0.0014	1	SVDKETLNQAASQLLPNAPK	2.31E+07	parkin null-Rep II
gij7511958	FBgn0016724	813.42	1624.83	1624.82	0.01	0	78	2.40E-07	1	TILSDLVDSTGDYVK	2.75E+07	control-Rep II
gij7511958	FBgn0016724	813.42	1624.82	1624.82	0	0	67	3.20E-06	1	TILSDLVDSTGDYVK	3.24E+07	control-Rep I
gij7511958	FBgn0016724	813.42	1624.82	1624.82	0	0	95	5.10E-09	1	TILSDLVDSTGDYVK	3.32E+07	parkin null-Rep I
gij7511958	FBgn0016724	813.42	1624.82	1624.82	0	0	93	8.10E-09	1	TILSDLVDSTGDYVK	3.71E+07	parkin null-Rep II
gij7511958	FBgn0016724	775.09	2322.24	2322.24	0	1	56	2.20E-05	1	VQILDKNPIEITSEVQPNSAK	1.46E+07	parkin null-Rep II
gij7511958	FBgn0016724	775.09	2322.24	2322.24	0	1	47	0.00017	1	VQILDKNPIEITSEVQPNSAK	2.05E+07	parkin null-Rep I
gij7511958	FBgn0016724	842.93	1683.84	1683.85	-0.01	0	85	4.00E-08	1	YQFTANVQPTSSTIK	3.31E+06	parkin null-Rep II
gij7511958	FBgn0016724	842.93	1683.86	1683.85	0.01	0	73	7.60E-07	1	YQFTANVQPTSSTIK	4.54E+06	control-Rep II
gij7511958	FBgn0016724	842.93	1683.85	1683.85	0	0	57	3.10E-05	1	YQFTANVQPTSSTIK	4.80E+06	parkin null-Rep I
gij7511958	FBgn0016724	842.93	1683.85	1683.85	0	0	57	2.70E-05	1	YQFTANVQPTSSTIK	6.33E+06	control-Rep I
gij7511958	FBgn0016724	625.79	1249.56	1249.56	0	0	41	0.0005	1	YSFNNEVSYK	4.99E+06	parkin null-Rep I
gij7511958	FBgn0016724	625.78	1249.55	1249.56	-0.01	0	41	0.00041	1	YSFNNEVSYK	5.85E+06	parkin null-Rep II
gij7511958	FBgn0016724	625.79	1249.56	1249.56	0	0	40	0.00054	1	YSFNNEVSYK	6.15E+06	control-Rep II
gij7511958	FBgn0016724	625.79	1249.57	1249.56	0	0	40	0.0006	1	YSFNNEVSYK	6.79E+06	control-Rep I
gij3915856	FBgn0017545	803.9	1605.79	1605.79	0	0	31	0.0098	1	MTDIITNEVSGADLK	1.71E+07	parkin null-Rep II
gij3915856	FBgn0017545	803.91	1605.81	1605.79	0.01	0	40	0.0014	1	MTDIITNEVSGADLK	1.81E+07	parkin null-Rep I
gij3915856	FBgn0017545	803.91	1605.81	1605.79	0.01	0	56	3.60E-05	1	MTDIITNEVSGADLK	1.83E+07	control-Rep II
gij3915856	FBgn0017545	803.9	1605.79	1605.79	0	0	60	1.20E-05	1	MTDIITNEVSGADLK	2.23E+07	control-Rep I
gij3915856	FBgn0017545	624.85	1247.68	1247.68	0	0	42	0.0012	1	VFEVSLADLQK	9.13E+06	parkin null-Rep II
gij3915856	FBgn0017545	624.85	1247.68	1247.68	0	0	35	0.007	1	VFEVSLADLQK	9.56E+06	control-Rep II
gij3915856	FBgn0017545	624.84	1247.67	1247.68	-0.01	0	42	0.0014	1	VFEVSLADLQK	1.20E+07	control-Rep I
gij24646112	FBgn0019624	793.9	1585.78	1585.78	0	0	56	3.50E-05	1	GMNDLLGMDLVPSPK	7.51E+06	parkin null-Rep I
gij24646112	FBgn0019624	793.9	1585.79	1585.78	0	0	45	0.00052	1	GMNDLLGMDLVPSPK	8.46E+06	parkin null-Rep II
gij24646112	FBgn0019624	793.91	1585.8	1585.78	0.01	0	54	7.60E-05	1	GMNDLLGMDLVPSPK	1.03E+07	control-Rep II
gij24646112	FBgn0019624	793.9	1585.78	1585.78	0	0	50	0.00016	1	GMNDLLGMDLVPSPK	1.21E+07	control-Rep I
gij24646112	FBgn0019624	961.21	2880.59	2880.57	0.02	0	27	0.0094	1	ITPTLQELGIPTIEELGYDKPELALK	3.61E+07	parkin null-Rep II
gij24646112	FBgn0019624	961.21	2880.6	2880.57	0.03	0	34	0.0016	1	ITPTLQELGIPTIEELGYDKPELALK	3.67E+07	control-Rep II
gij24646112	FBgn0019624	961.2	2880.59	2880.57	0.02	0	36	0.0014	1	ITPTLQELGIPTIEELGYDKPELALK	3.81E+07	parkin null-Rep I
gij24646112	FBgn0019624	961.2	2880.59	2880.57	0.01	0	31	0.0052	1	ITPTLQELGIPTIEELGYDKPELALK	4.45E+07	control-Rep I
gij24646112	FBgn0019624	857.95	1713.89	1713.88	0.01	1	83	7.50E-08	1	KGMNDLLGMDLVPSPK	4.10E+06	parkin null-Rep I
gij24646112	FBgn0019624	572.3	1713.88	1713.88	0	1	41	0.0023	1	KGMNDLLGMDLVPSPK	4.47E+06	parkin null-Rep II
gij24646112	FBgn0019624	572.3	1713.88	1713.88	0	1	47	0.0006	1	KGMNDLLGMDLVPSPK	5.73E+06	control-Rep II
gij24646112	FBgn0019624	572.3	1713.88	1713.88	0	1	53	7.10E-05	1	KGMNDLLGMDLVPSPK	6.24E+06	control-Rep I
gij24651129	FBgn0020235	399.88	1196.61	1196.61	0	0	21	0.1	1	GLCGAVHTGVAR	1.37E+06	parkin null-Rep II

gij24651129	FBgn0020235	599.31	1196.61	1196.61	0	0	44	0.00055	1	GLCGAVHTGVAR	2.20E+06	parkin null-Rep I
gij24651129	FBgn0020235	599.31	1196.61	1196.61	0	0	48	0.00059	1	GLCGAVHTGVAR	2.39E+06	control-Rep II
gij24651129	FBgn0020235	399.88	1196.61	1196.61	0	0	24	0.048	1	GLCGAVHTGVAR	2.94E+06	control-Rep I
gij24651129	FBgn0020235	900.94	1799.86	1799.86	0	0	51	7.50E-05	1	IANEVLQTYDYTEGK	2.58E+07	parkin null-Rep II
gij24651129	FBgn0020235	900.94	1799.86	1799.86	0	0	57	1.90E-05	1	IANEVLQTYDYTEGK	2.79E+07	control-Rep II
gij24651129	FBgn0020235	900.94	1799.86	1799.86	0	0	62	5.50E-06	1	IANEVLQTYDYTEGK	3.12E+07	parkin null-Rep I
gij24651129	FBgn0020235	900.93	1799.85	1799.86	-0.01	0	67	1.70E-06	1	IANEVLQTYDYTEGK	3.21E+07	control-Rep I
gij24647885	FBgn0020238	1044.49	2086.97	2086.96	0.02	0	114	2.90E-11	1	AAFDDAIAELDTLSEESYK	5.60E+07	parkin null-Rep II
gij24647885	FBgn0020238	1044.49	2086.96	2086.96	0	0	107	1.60E-10	1	AAFDDAIAELDTLSEESYK	6.11E+07	control-Rep I
gij24647885	FBgn0020238	1044.49	2086.97	2086.96	0.01	0	97	1.60E-09	1	AAFDDAIAELDTLSEESYK	6.55E+07	parkin null-Rep I
gij24647885	FBgn0020238	1044.5	2086.98	2086.96	0.02	0	113	3.90E-11	1	AAFDDAIAELDTLSEESYK	6.30E+07	control-Rep II
gij24647885	FBgn0020238	709.87	1417.72	1417.71	0.01	0	52	0.0001	1	DICSDILNVLEK	6.24E+07	parkin null-Rep I
gij24647885	FBgn0020238	709.87	1417.72	1417.71	0.01	0	68	2.60E-06	1	DICSDILNVLEK	6.30E+07	control-Rep II
gij24647885	FBgn0020238	709.87	1417.72	1417.71	0.01	0	59	1.90E-05	1	DICSDILNVLEK	6.79E+07	control-Rep I
gij24647885	FBgn0020238	709.87	1417.72	1417.71	0.01	0	54	7.30E-05	1	DICSDILNVLEK	7.23E+07	parkin null-Rep II
gij24583992	FBgn0020368	891.43	1780.84	1780.85	0	0	65	3.20E-06	1	LAEMPADSGYPAYLGAR	1.45E+07	control-Rep II
gij24583992	FBgn0020368	891.43	1780.85	1780.85	0	0	79	2.40E-07	1	LAEMPADSGYPAYLGAR	1.54E+07	control-Rep I
gij24583992	FBgn0020368	891.43	1780.84	1780.85	0	0	73	5.40E-07	1	LAEMPADSGYPAYLGAR	1.73E+07	parkin null-Rep I
gij24583992	FBgn0020368	891.44	1780.86	1780.85	0.01	0	60	1.10E-05	1	LAEMPADSGYPAYLGAR	1.80E+07	parkin null-Rep II
gij24583992	FBgn0020368	761.36	1520.71	1520.71	0	0	50	0.00014	1	SEMWEFNPLNVR	2.21E+06	parkin null-Rep I
gij24583992	FBgn0020368	761.36	1520.71	1520.71	0	0	54	5.80E-05	1	SEMWEFNPLNVR	2.43E+06	parkin null-Rep II
gij24583992	FBgn0020368	761.37	1520.73	1520.71	0.02	0	50	0.00018	1	SEMWEFNPLNVR	4.10E+06	control-Rep II
gij24583992	FBgn0020368	761.37	1520.73	1520.71	0.02	0	39	0.0022	1	SEMWEFNPLNVR	4.49E+06	control-Rep I
gij24583992	FBgn0020368	705.89	1409.77	1409.76	0.02	0	76	3.50E-07	1	VGYYELVGEIIR	4.54E+06	control-Rep II
gij24583992	FBgn0020368	705.89	1409.77	1409.76	0.01	0	56	2.70E-05	1	VGYYELVGEIIR	5.71E+06	parkin null-Rep II
gij24583992	FBgn0020368	705.89	1409.77	1409.76	0.01	0	65	3.80E-06	1	VGYYELVGEIIR	6.87E+06	parkin null-Rep I
gij24583992	FBgn0020368	705.89	1409.76	1409.76	0.01	0	72	7.70E-07	1	VGYYELVGEIIR	8.22E+06	control-Rep I
gij24583992	FBgn0020368	1226.62	2451.23	2451.19	0.03	0	71	1.80E-06	1	VLDSLFPVCVQGGTTAIPGAFGCGK	1.22E+06	control-Rep II
gij24583992	FBgn0020368	1226.6	2451.18	2451.19	-0.01	0	68	1.50E-06	1	VLDSLFPVCVQGGTTAIPGAFGCGK	1.27E+06	parkin null-Rep II
gij24583992	FBgn0020368	1226.6	2451.19	2451.19	-0.01	0	72	1.20E-06	1	VLDSLFPVCVQGGTTAIPGAFGCGK	1.58E+06	control-Rep I
gij24583992	FBgn0020368	1226.62	2451.23	2451.19	0.03	0	68	3.60E-06	1	VLDSLFPVCVQGGTTAIPGAFGCGK	1.62E+06	parkin null-Rep I
gij18860083	FBgn0020513	718.85	1435.69	1435.71	-0.02	0	35	0.0029	1	AEISNTTNGQVFR	1.13E+06	parkin null-Rep I
gij18860083	FBgn0020513	718.86	1435.71	1435.71	0	0	37	0.0023	1	AEISNTTNGQVFR	1.42E+06	parkin null-Rep II
gij18860083	FBgn0020513	718.85	1435.69	1435.71	-0.02	0	44	0.00037	1	AEISNTTNGQVFR	1.54E+06	control-Rep I
gij18860083	FBgn0020513	718.86	1435.71	1435.71	0	0	43	0.00064	1	AEISNTTNGQVFR	1.92E+06	control-Rep II
gij18860083	FBgn0020513	871.98	1741.95	1741.94	0.01	0	44	0.00047	1	NFIWVAEQLADIVPK	6.93E+06	parkin null-Rep II
gij18860083	FBgn0020513	871.98	1741.94	1741.94	0	0	23	0.059	1	NFIWVAEQLADIVPK	7.47E+06	parkin null-Rep I
gij18860083	FBgn0020513	871.98	1741.95	1741.94	0.01	0	36	0.0028	1	NFIWVAEQLADIVPK	7.74E+06	control-Rep I
gij18860083	FBgn0020513	871.98	1741.95	1741.94	0.01	0	44	0.00049	1	NFIWVAEQLADIVPK	9.08E+06	control-Rep II

gil10953881	FBgn0020653	791.77	2372.29	2372.29	0	0	35	0.0029	1	VYGLHYIGPVAGEVIQGFAAALK	4.64E+06	parkin null-Rep I
gil1857433	FBgn0020653	791.78	2372.31	2372.29	0.02	0	28	0.011	1	VYGLHYIGPVAGEVIQGFAAALK	5.27E+06	parkin null-Rep II
gil1857433	FBgn0020653	791.78	2372.32	2372.29	0.03	0	57	1.20E-05	1	VYGLHYIGPVAGEVIQGFAAALK	5.30E+06	control-Rep II
gil10953881	FBgn0020653	802.39	1602.77	1602.76	0	0	36	0.0058	1	WGVGGTCVNVGCIPK	1.14E+07	control-Rep I
gil10953881	FBgn0020653	802.39	1602.77	1602.76	0.01	0	41	0.00094	1	WGVGGTCVNVGCIPK	1.18E+07	parkin null-Rep I
gil1857433	FBgn0020653	802.39	1602.77	1602.76	0	0	52	0.00014	1	WGVGGTCVNVGCIPK	1.23E+07	parkin null-Rep II
gil1857433	FBgn0020653	802.4	1602.79	1602.76	0.02	0	56	6.00E-05	1	WGVGGTCVNVGCIPK	1.25E+07	control-Rep II
gil1857602	FBgn0020765	1182.58	3544.72	3544.69	0.03	0	25	0.051	1	GSVTWVAPDGQTYTINFVADENGFQPEGAHLPK	3.12E+06	parkin null-Rep I
gil1857602	FBgn0020765	1182.57	3544.69	3544.69	0	0	35	0.0045	1	GSVTWVAPDGQTYTINFVADENGFQPEGAHLPK	3.74E+06	control-Rep II
gil1857602	FBgn0020765	1182.57	3544.69	3544.69	0	0	32	0.0093	1	GSVTWVAPDGQTYTINFVADENGFQPEGAHLPK	4.20E+06	parkin null-Rep II
gil1857602	FBgn0020765	1002.98	2003.94	2003.94	0	0	80	8.30E-08	1	TEEGVVNNAGTDNESISIR	2.54E+08	control-Rep I
gil1857602	FBgn0020765	1002.98	2003.94	2003.94	0	0	77	2.00E-07	1	TEEGVVNNAGTDNESISIR	2.72E+08	control-Rep II
gil1857602	FBgn0020765	1002.98	2003.94	2003.94	0	0	83	5.50E-08	1	TEEGVVNNAGTDNESISIR	2.73E+08	parkin null-Rep II
gil1857602	FBgn0020765	1002.98	2003.94	2003.94	0	0	85	2.90E-08	1	TEEGVVNNAGTDNESISIR	2.73E+08	parkin null-Rep I
gil3786400	FBgn0022355	637.32	1272.63	1272.63	-0.01	0	46	0.00061	1	VSADPQISATER	2.00E+05	parkin null-Rep I
gil3786400	FBgn0022355	637.32	1272.63	1272.63	-0.01	0	42	0.0017	1	VSADPQISATER	3.44E+05	control-Rep I
gil3786400	FBgn0022355	637.32	1272.63	1272.63	-0.01	0	57	4.90E-05	1	VSADPQISATER	7.21E+05	control-Rep II
gil3786400	FBgn0022355	994.99	1987.97	1987.96	0.01	0	36	0.003	1	VSSDDGGEVQIVPASELEK	4.36E+06	parkin null-Rep I
gil3786400	FBgn0022355	994.99	1987.97	1987.96	0.01	0	38	0.0017	1	VSSDDGGEVQIVPASELEK	4.94E+06	control-Rep II
gil3786400	FBgn0022355	994.99	1987.97	1987.96	0.01	0	46	0.0003	1	VSSDDGGEVQIVPASELEK	6.18E+06	parkin null-Rep II
gil28573937	FBgn0023143	960.43	2878.27	2878.29	-0.01	1	83	9.30E-09	1	IETNEAAAAASANNFDDGELDQDRVDK	1.53E+06	parkin null-Rep II
gil2706522	FBgn0023143	960.44	2878.3	2878.29	0.01	1	91	6.80E-09	1	IETNEAAAAASANNFDDGELDQDRVDK	2.57E+06	control-Rep II
gil28573937	FBgn0023143	787.4	1572.79	1572.77	0.01	0	77	5.20E-07	1	VVVLTNSDGEEQQR	1.07E+05	parkin null-Rep I
gil28573937	FBgn0023143	787.39	1572.77	1572.77	-0.01	0	46	0.00051	1	VVVLTNSDGEEQQR	1.13E+05	parkin null-Rep II
gil2706522	FBgn0023143	787.4	1572.79	1572.77	0.01	0	78	4.60E-07	1	VVVLTNSDGEEQQR	3.90E+05	control-Rep II
gil2706522	FBgn0023143	787.4	1572.79	1572.77	0.01	0	68	4.20E-06	1	VVVLTNSDGEEQQR	5.05E+05	control-Rep I
gil3337433	FBgn0024923	724.9	1447.79	1447.78	0.01	0	72	8.80E-07	1	IVSQLLTLMDGMK	4.86E+06	parkin null-Rep I
gil3337433	FBgn0024923	724.9	1447.79	1447.78	0.01	0	78	1.90E-07	1	IVSQLLTLMDGMK	5.04E+06	parkin null-Rep II
gil3337433	FBgn0024923	724.9	1447.79	1447.78	0.01	0	70	1.20E-06	1	IVSQLLTLMDGMK	6.11E+06	control-Rep II
gil3337433	FBgn0024923	724.9	1447.79	1447.78	0.01	0	73	6.30E-07	1	IVSQLLTLMDGMK	6.71E+06	control-Rep I
gil3337433	FBgn0024923	771.93	1541.85	1541.83	0.01	0	39	0.0019	1	LDQLIYIPLPDDK	2.39E+06	parkin null-Rep II
gil3337433	FBgn0024923	771.93	1541.85	1541.83	0.01	0	36	0.0037	1	LDQLIYIPLPDDK	3.33E+06	control-Rep II
gil3337433	FBgn0024923	771.93	1541.85	1541.83	0.01	0	52	9.20E-05	1	LDQLIYIPLPDDK	5.02E+06	control-Rep I
gil3337433	FBgn0024923	771.93	1541.85	1541.83	0.01	0	48	0.00026	1	LDQLIYIPLPDDK	5.11E+06	parkin null-Rep I
gil3337433	FBgn0024923	914.01	1826.01	1825.98	0.02	0	40	0.001	1	NSPAIIFIDEIDAIAPK	5.56E+06	control-Rep II
gil3337433	FBgn0024923	914.01	1826.01	1825.98	0.02	0	33	0.0053	1	NSPAIIFIDEIDAIAPK	5.64E+06	parkin null-Rep II
gil3337433	FBgn0024923	914.01	1826	1825.98	0.01	0	102	6.40E-10	1	NSPAIIFIDEIDAIAPK	9.51E+06	control-Rep I
gil3337433	FBgn0024923	941.97	1881.93	1881.92	0.01	0	92	7.10E-09	1	SAAPCVLFFDELDSIAK	5.75E+06	parkin null-Rep II
gil3337433	FBgn0024923	941.97	1881.93	1881.92	0.01	0	65	3.70E-06	1	SAAPCVLFFDELDSIAK	6.17E+06	parkin null-Rep I

gij3337433	FBgn0024923	941.97	1881.93	1881.92	0.01	0	68	1.70E-06	1	SAAPCVLFFDELDSIAK	6.31E+06	control-Rep II
gij3337433	FBgn0024923	941.96	1881.91	1881.92	0	0	56	3.10E-05	1	SAAPCVLFFDELDSIAK	8.46E+06	control-Rep I
gij3337433	FBgn0024923	810.42	1618.83	1618.81	0.02	0	66	3.90E-06	1	VINQILTEMDGMGAK	1.13E+07	parkin null-Rep II
gij3337433	FBgn0024923	810.42	1618.83	1618.81	0.02	0	66	7.90E-06	1	VINQILTEMDGMGAK	1.25E+07	control-Rep II
gij3337433	FBgn0024923	810.42	1618.82	1618.81	0.01	0	57	3.60E-05	1	VINQILTEMDGMGAK	1.30E+07	parkin null-Rep I
gij24583025	FBgn0026439	631.83	1261.64	1261.64	0	0	53	8.50E-05	1	IVETQTESIDK	1.30E+06	parkin null-Rep II
gij24583025	FBgn0026439	631.82	1261.63	1261.64	-0.01	0	58	2.40E-05	1	IVETQTESIDK	1.79E+06	parkin null-Rep I
gij24583025	FBgn0026439	631.83	1261.65	1261.64	0.01	0	55	5.70E-05	1	IVETQTESIDK	2.29E+06	control-Rep II
gij24583025	FBgn0026439	631.82	1261.63	1261.64	-0.01	0	61	1.30E-05	1	IVETQTESIDK	2.52E+06	control-Rep I
gij24583025	FBgn0026439	686.88	1371.75	1371.74	0.01	0	46	0.00045	1	VLTPDTLMDLVR	2.16E+07	parkin null-Rep II
gij24583025	FBgn0026439	686.88	1371.75	1371.74	0.01	0	55	5.10E-05	1	VLTPDTLMDLVR	2.45E+07	control-Rep II
gij24583025	FBgn0026439	686.88	1371.75	1371.74	0	0	52	0.00011	1	VLTPDTLMDLVR	2.73E+07	control-Rep I
gij24583025	FBgn0026439	686.88	1371.75	1371.74	0	0	38	0.0025	1	VLTPDTLMDLVR	2.80E+07	parkin null-Rep I
gij7290712	FBgn0026708	796.84	1591.66	1591.65	0.01	0	25	0.0038	1	MGETTIDMMYGGMR	9.82E+06	parkin null-Rep I
gij7290712	FBgn0026708	796.84	1591.66	1591.65	0.01	0	55	1.80E-06	1	MGETTIDMMYGGMR	1.19E+07	parkin null-Rep II
gij7290712	FBgn0026708	796.83	1591.64	1591.65	-0.01	0	58	4.40E-07	1	MGETTIDMMYGGMR	1.31E+07	control-Rep II
gij7290712	FBgn0026708	829.39	1656.77	1656.76	0.01	0	60	5.80E-06	1	MLGYDNAPFTELMR	1.81E+07	parkin null-Rep II
gij7290712	FBgn0026708	829.4	1656.78	1656.76	0.01	0	61	6.10E-06	1	MLGYDNAPFTELMR	2.20E+07	control-Rep I
gij7290712	FBgn0026708	829.4	1656.78	1656.76	0.01	0	55	2.60E-05	1	MLGYDNAPFTELMR	2.28E+07	parkin null-Rep I
gij7290712	FBgn0026708	829.39	1656.77	1656.76	0.01	0	55	2.10E-05	1	MLGYDNAPFTELMR	2.39E+07	control-Rep II
gij24643268	FBgn0027291	844.75	2531.23	2531.2	0.03	0	22	0.066	1	ENTEGEYSGIEHEIVDGVVQSIK	8.94E+06	parkin null-Rep II
gij24643268	FBgn0027291	844.75	2531.23	2531.2	0.02	0	22	0.065	1	ENTEGEYSGIEHEIVDGVVQSIK	8.94E+06	parkin null-Rep I
gij24643268	FBgn0027291	787.91	1573.81	1573.81	0	0	61	1.40E-05	1	FGIPQAAIDSVNTNK	3.14E+07	parkin null-Rep I
gij24643268	FBgn0027291	787.91	1573.81	1573.81	0	0	76	4.20E-07	1	FGIPQAAIDSVNTNK	3.34E+07	parkin null-Rep II
gij24643268	FBgn0027291	787.91	1573.81	1573.81	0	0	57	3.50E-05	1	FGIPQAAIDSVNTNK	3.40E+07	control-Rep I
gij24643268	FBgn0027291	787.91	1573.81	1573.81	0	0	55	5.40E-05	1	FGIPQAAIDSVNTNK	3.44E+07	control-Rep II
gij24643268	FBgn0027291	1114.09	2226.16	2226.17	0	0	61	9.90E-06	1	IFTAANVPIEWAVDVTPVR	5.50E+06	parkin null-Rep I
gij24643268	FBgn0027291	1114.09	2226.17	2226.17	0	0	79	1.60E-07	1	IFTAANVPIEWAVDVTPVR	6.45E+06	control-Rep II
gij24643268	FBgn0027291	704.88	1407.75	1407.72	0.02	0	41	0.0012	1	TLYDDVDVVVIR	4.13E+06	parkin null-Rep I
gij24643268	FBgn0027291	704.87	1407.73	1407.72	0	0	28	0.02	1	TLYDDVDVVVIR	6.46E+06	control-Rep I
gij24643268	FBgn0027291	933.02	1864.03	1864.03	-0.01	0	45	0.00031	1	VTLPDGDGIGPEISAAVQK	7.03E+06	parkin null-Rep I
gij24643268	FBgn0027291	933.03	1864.05	1864.03	0.01	0	48	0.0001	1	VTLPDGDGIGPEISAAVQK	9.31E+06	parkin null-Rep II
gij24643268	FBgn0027291	933.03	1864.05	1864.03	0.01	0	31	0.0052	1	VTLPDGDGIGPEISAAVQK	9.47E+06	control-Rep II
gij24643268	FBgn0027291	933.02	1864.03	1864.03	-0.01	0	39	0.0012	1	VTLPDGDGIGPEISAAVQK	1.13E+07	control-Rep I
gij18858089	FBgn0028342	733.75	2198.24	2198.24	0	0	26	0.011	1	HVPTLAVLKPQVVQVVDGK	3.67E+07	parkin null-Rep I
gij18858089	FBgn0028342	733.76	2198.25	2198.24	0	0	28	0.0069	1	HVPTLAVLKPQVVQVVDGK	3.77E+07	parkin null-Rep II
gij18858089	FBgn0028342	733.76	2198.25	2198.24	0	0	41	0.00038	1	HVPTLAVLKPQVVQVVDGK	4.17E+07	control-Rep II
gij18858089	FBgn0028342	733.75	2198.24	2198.24	-0.01	0	28	0.008	1	HVPTLAVLKPQVVQVVDGK	4.50E+07	control-Rep I
gij18858089	FBgn0028342	649.8	1297.59	1297.58	0.01	0	41	0.00035	1	YQSQLSSAGDDK	1.32E+05	parkin null-Rep II

gil18858089	FBgn0028342	649.79	1297.57	1297.58	-0.01	0	48	4.20E-05	1	YQSQLSSAGDDK	2.41E+05	control-Rep II
gil24583079	FBgn0028479	1012.23	3033.66	3033.63	0.03	0	54	1.50E-05	1	LGIVDLLVDPLGPGQLPAEQNTIEYLEK	6.82E+06	control-Rep II
gil24583079	FBgn0028479	1012.22	3033.65	3033.63	0.02	0	63	2.30E-06	1	LGIVDLLVDPLGPGQLPAEQNTIEYLEK	7.54E+06	control-Rep I
gil24583079	FBgn0028479	918.53	1835.05	1835.03	0.02	0	33	0.002	1	LGLPEVMLGLLPGGGGTVR	5.08E+06	parkin null-Rep II
gil24583079	FBgn0028479	918.53	1835.05	1835.03	0.01	0	26	0.016	1	LGLPEVMLGLLPGGGGTVR	6.16E+06	control-Rep I
gil24583079	FBgn0028479	918.52	1835.03	1835.03	-0.01	0	37	0.0017	1	LGLPEVMLGLLPGGGGTVR	6.87E+06	control-Rep II
gil24583079	FBgn0028479	918.53	1835.05	1835.03	0.02	0	38	0.00054	1	LGLPEVMLGLLPGGGGTVR	8.57E+06	parkin null-Rep I
gil24583079	FBgn0028479	788.42	1574.83	1574.82	0	0	36	0.0067	1	LTSVPTALDMELTGK	1.34E+07	control-Rep I
gil24583079	FBgn0028479	788.42	1574.82	1574.82	0	0	33	0.0069	1	LTSVPTALDMELTGK	1.36E+07	parkin null-Rep I
gil24583079	FBgn0028479	788.42	1574.83	1574.82	0	0	24	0.088	1	LTSVPTALDMELTGK	1.45E+07	control-Rep II
gil24583079	FBgn0028479	788.42	1574.83	1574.82	0.01	0	38	0.0022	1	LTSVPTALDMELTGK	1.47E+07	parkin null-Rep II
gil13124189	FBgn0028737	568.3	1134.59	1134.59	-0.01	0	56	7.60E-05	1	ADLSVFDALGK	3.65E+06	control-Rep II
gil13124189	FBgn0028737	568.3	1134.59	1134.59	-0.01	0	58	4.60E-05	1	ADLSVFDALGK	4.88E+06	parkin null-Rep I
gil13124189	FBgn0028737	568.3	1134.59	1134.59	-0.01	0	54	0.00011	1	ADLSVFDALGK	6.53E+06	parkin null-Rep II
gil13124189	FBgn0028737	565.78	1129.55	1129.55	0	0	43	0.00047	1	HIASFEEAER	1.46E+06	parkin null-Rep II
gil13124189	FBgn0028737	565.79	1129.56	1129.55	0	0	36	0.0033	1	HIASFEEAER	1.89E+06	parkin null-Rep I
gil13124189	FBgn0028737	565.78	1129.55	1129.55	0	0	55	3.30E-05	1	HIASFEEAER	2.18E+06	control-Rep II
gil13124189	FBgn0028737	565.78	1129.55	1129.55	0	0	44	0.00043	1	HIASFEEAER	2.67E+06	control-Rep I
gil6451558	FBgn0028833	502.27	1503.79	1503.78	0	0	64	1.40E-05	1	FQFTHLSAGDLLR	8.68E+05	parkin null-Rep II
gil6451558	FBgn0028833	502.27	1503.79	1503.78	0	0	58	6.60E-05	1	FQFTHLSAGDLLR	9.63E+05	control-Rep I
gil6451558	FBgn0028833	901.97	1801.93	1801.93	0	0	50	0.00017	1	IVPVEVTCSLLENAMK	5.75E+06	control-Rep II
gil6451558	FBgn0028833	901.98	1801.95	1801.93	0.01	0	37	0.0026	1	IVPVEVTCSLLENAMK	6.53E+06	parkin null-Rep II
gil6451558	FBgn0028833	901.97	1801.93	1801.93	0	0	63	8.30E-06	1	IVPVEVTCSLLENAMK	7.25E+06	control-Rep I
gil6451558	FBgn0028833	901.97	1801.93	1801.93	-0.01	0	57	2.80E-05	1	IVPVEVTCSLLENAMK	8.05E+06	parkin null-Rep I
gil21355083	FBgn0029093	915.46	2743.37	2743.37	0	0	75	4.00E-07	1	GGCQVIADTGTSLIAAPLEEATSINQK	1.13E+07	control-Rep II
gil21355083	FBgn0029093	915.46	2743.37	2743.37	0	0	71	9.60E-07	1	GGCQVIADTGTSLIAAPLEEATSINQK	1.20E+07	control-Rep I
gil21355083	FBgn0029093	915.47	2743.38	2743.37	0.01	0	66	2.90E-06	1	GGCQVIADTGTSLIAAPLEEATSINQK	1.47E+07	parkin null-Rep II
gil21355083	FBgn0029093	1319.22	2636.43	2636.46	-0.04	0	96	1.30E-09	1	IGGTPIGGQYVVSCDLIPQLPVIK	1.74E+06	control-Rep I
gil21355083	FBgn0029093	1319.24	2636.47	2636.46	0	0	66	8.50E-07	1	IGGTPIGGQYVVSCDLIPQLPVIK	2.94E+06	control-Rep II
gil21355083	FBgn0029093	1319.25	2636.49	2636.46	0.02	0	93	1.30E-09	1	IGGTPIGGQYVVSCDLIPQLPVIK	3.99E+06	parkin null-Rep II
gil21355083	FBgn0029093	1319.25	2636.49	2636.46	0.03	0	55	7.40E-06	1	IGGTPIGGQYVVSCDLIPQLPVIK	6.10E+06	parkin null-Rep I
gil21355083	FBgn0029093	711.34	1420.67	1420.67	0	0	64	7.90E-06	1	MDAASIGDLQLCK	5.36E+06	parkin null-Rep II
gil21355083	FBgn0029093	711.34	1420.67	1420.67	0	0	45	0.00063	1	MDAASIGDLQLCK	6.37E+06	parkin null-Rep I
gil6634090	FBgn0029155	1237.35	3709.03	3709	0.03	0	35	0.00075	1	DINPMSDLAEIVSTIKPSVLIGASAAAGIFTPEILR	2.27E+06	control-Rep II
gil6634090	FBgn0029155	1237.34	3709	3709	0	0	24	0.012	1	DINPMSDLAEIVSTIKPSVLIGASAAAGIFTPEILR	2.48E+06	parkin null-Rep I
gil6634090	FBgn0029155	864.47	1726.93	1726.91	0.01	0	43	0.00094	1	ILGLGDLGACGMGIPVGK	4.27E+06	parkin null-Rep II
gil6634090	FBgn0029155	864.46	1726.91	1726.91	-0.01	0	36	0.0067	1	ILGLGDLGACGMGIPVGK	4.34E+06	parkin null-Rep I
gil6634090	FBgn0029155	864.47	1726.93	1726.91	0.01	0	40	0.0019	1	ILGLGDLGACGMGIPVGK	4.66E+06	control-Rep II
gil6634090	FBgn0029155	864.47	1726.93	1726.91	0.01	0	36	0.0048	1	ILGLGDLGACGMGIPVGK	5.78E+06	control-Rep I

gil45551448	FBgn0030362	846.87	1691.73	1691.73	-0.01	0	78	4.00E-08	1	SYDYDFETGVASNP	1.90E+07	control-Rep I
gil45551448	FBgn0030362	846.87	1691.72	1691.73	-0.01	0	86	4.40E-09	1	SYDYDFETGVASNP	2.09E+07	parkin null-Rep II
gil45551448	FBgn0030362	846.88	1691.74	1691.73	0.01	0	88	4.80E-09	1	SYDYDFETGVASNP	2.47E+07	parkin null-Rep I
gil45551448	FBgn0030362	667.86	1333.71	1333.7	0.01	0	29	0.02	1	TLFEVQPLMEK	4.96E+06	control-Rep II
gil45551448	FBgn0030362	667.85	1333.69	1333.7	0	0	40	0.0017	1	TLFEVQPLMEK	8.76E+06	parkin null-Rep I
gil45551448	FBgn0030362	667.86	1333.71	1333.7	0.01	0	42	0.0011	1	TLFEVQPLMEK	1.11E+07	parkin null-Rep II
gil45551448	FBgn0030362	755.7	2264.09	2264.09	0.01	0	32	0.0052	1	VEPLPDSYAGLGEGPHWDVAR	2.67E+07	control-Rep II
gil45551448	FBgn0030362	755.7	2264.09	2264.09	0	0	23	0.048	1	VEPLPDSYAGLGEGPHWDVAR	2.96E+07	control-Rep I
gil45551448	FBgn0030362	755.71	2264.09	2264.09	0.01	0	34	0.0032	1	VEPLPDSYAGLGEGPHWDVAR	4.23E+07	parkin null-Rep II
gil45551448	FBgn0030362	755.7	2264.09	2264.09	0.01	0	30	0.0093	1	VEPLPDSYAGLGEGPHWDVAR	4.95E+07	parkin null-Rep I
gil45551448	FBgn0030362	801.95	1601.89	1601.88	0.01	1	41	0.0008	1	VTGLNATGYPGVNLKV	2.91E+06	control-Rep II
gil45551448	FBgn0030362	801.95	1601.89	1601.88	0.01	1	49	0.00012	1	VTGLNATGYPGVNLKV	4.18E+06	control-Rep I
gil45551448	FBgn0030362	801.95	1601.89	1601.88	0.01	1	44	0.00041	1	VTGLNATGYPGVNLKV	8.99E+06	parkin null-Rep I
gil45551448	FBgn0030362	735.9	1469.78	1469.79	-0.01	0	43	0.0007	1	VVIVNWDGVSPSAK	5.17E+06	control-Rep I
gil45551448	FBgn0030362	735.9	1469.79	1469.79	0	0	36	0.0034	1	VVIVNWDGVSPSAK	9.10E+06	parkin null-Rep II
gil45551448	FBgn0030362	735.91	1469.81	1469.79	0.02	0	30	0.014	1	VVIVNWDGVSPSAK	9.27E+06	parkin null-Rep I
gil45551448	FBgn0030362	587.32	1172.62	1172.62	0	0	27	0.037	1	WEAGGQVSVIK	1.96E+07	control-Rep II
gil45551448	FBgn0030362	587.32	1172.62	1172.62	0	0	36	0.0044	1	WEAGGQVSVIK	2.59E+07	parkin null-Rep II
gil45551448	FBgn0030362	587.32	1172.62	1172.62	0	0	47	0.00047	1	WEAGGQVSVIK	2.62E+07	control-Rep I
gil45551448	FBgn0030362	587.32	1172.62	1172.62	0	0	31	0.016	1	WEAGGQVSVIK	3.15E+07	parkin null-Rep I
gil19920346	FBgn0031037	838.15	2511.42	2511.39	0.02	0	57	4.90E-06	1	DGVLTVDAPLPALTAGETLIPIAHK	4.32E+07	control-Rep II
gil19920346	FBgn0031037	838.14	2511.41	2511.39	0.01	0	59	3.70E-06	1	DGVLTVDAPLPALTAGETLIPIAHK	4.39E+07	control-Rep I
gil19920346	FBgn0031037	838.15	2511.42	2511.39	0.02	0	55	8.80E-06	1	DGVLTVDAPLPALTAGETLIPIAHK	4.41E+07	parkin null-Rep II
gil19920346	FBgn0031037	838.14	2511.4	2511.39	0.01	0	59	4.60E-06	1	DGVLTVDAPLPALTAGETLIPIAHK	4.52E+07	parkin null-Rep I
gil19920346	FBgn0031037	1023.46	2044.91	2044.93	-0.03	0	59	7.40E-06	1	EANFFESTSSTTNSALPSR	4.51E+06	parkin null-Rep II
gil19920346	FBgn0031037	1023.48	2044.95	2044.93	0.01	0	55	3.50E-05	1	EANFFESTSSTTNSALPSR	6.13E+06	control-Rep I
gil19920346	FBgn0031037	812.42	1622.82	1622.82	0	0	44	0.00058	1	FDVSQYAPEEIVVK	2.04E+07	control-Rep II
gil19920346	FBgn0031037	812.42	1622.82	1622.82	0.01	0	41	0.0012	1	FDVSQYAPEEIVVK	2.06E+07	control-Rep I
gil19920346	FBgn0031037	812.42	1622.83	1622.82	0.01	0	33	0.0068	1	FDVSQYAPEEIVVK	2.25E+07	parkin null-Rep II
gil19920346	FBgn0031037	812.42	1622.84	1622.82	0.02	0	39	0.002	1	FDVSQYAPEEIVVK	2.28E+07	parkin null-Rep I
gil19920346	FBgn0031037	856.93	1711.85	1711.84	0.01	0	76	4.10E-07	1	LGDFSVIDTEFSNIR	2.05E+07	parkin null-Rep II
gil19920346	FBgn0031037	856.93	1711.85	1711.84	0.01	0	99	2.20E-09	1	LGDFSVIDTEFSNIR	2.33E+07	parkin null-Rep I
gil19920346	FBgn0031037	856.94	1711.86	1711.84	0.02	0	79	1.80E-07	1	LGDFSVIDTEFSNIR	2.35E+07	control-Rep II
gil19920346	FBgn0031037	856.93	1711.85	1711.84	0.01	0	61	1.50E-05	1	LGDFSVIDTEFSNIR	2.46E+07	control-Rep I
gil19920346	FBgn0031037	1125.53	2249.05	2249.04	0	0	22	0.075	1	QQNYVSDISSPLIQDEGDNK	1.16E+07	parkin null-Rep II
gil19920346	FBgn0031037	1125.52	2249.03	2249.04	-0.02	0	31	0.0082	1	QQNYVSDISSPLIQDEGDNK	1.18E+07	control-Rep I
gil7297246	FBgn0031908	727.02	2178.02	2178.04	-0.01	0	30	0.0086	1	FPNVTYAGNHGLEVEYPSGK	3.43E+06	parkin null-Rep II
gil7297246	FBgn0031908	727.02	2178.03	2178.04	-0.01	0	33	0.0043	1	FPNVTYAGNHGLEVEYPSGK	4.97E+06	control-Rep II
gil7297246	FBgn0031908	827.39	1652.77	1652.78	-0.01	0	75	3.80E-07	1	IVYVGGDDTTDEDAIK	7.74E+06	parkin null-Rep II

gil7297246	FBgn0031908	827.4	1652.78	1652.78	0	0	72	6.00E-07	1	IVYVGGDDTTDEDAIK	8.44E+06	control-Rep II
gil7297246	FBgn0031908	827.4	1652.79	1652.78	0.01	0	26	0.04	1	IVYVGGDDTTDEDAIK	8.83E+06	control-Rep I
gil7297246	FBgn0031908	625.3	1248.59	1248.58	0	0	32	0.0098	1	VVCSGAWVEDK	1.54E+06	parkin null-Rep I
gil7297246	FBgn0031908	625.3	1248.59	1248.58	0	0	33	0.0095	1	VVCSGAWVEDK	1.82E+06	parkin null-Rep II
gil7297246	FBgn0031908	625.29	1248.58	1248.58	-0.01	0	26	0.019	1	VVCSGAWVEDK	2.71E+06	control-Rep I
gil20129399	FBgn0032114	714.9	1427.79	1427.78	0.01	0	34	0.0054	1	EEIFGPVQQLIR	8.21E+06	control-Rep II
gil20129399	FBgn0032114	714.9	1427.79	1427.78	0.01	0	36	0.0033	1	EEIFGPVQQLIR	1.13E+07	parkin null-Rep II
gil20129399	FBgn0032114	714.9	1427.79	1427.78	0.01	0	36	0.0031	1	EEIFGPVQQLIR	1.14E+07	control-Rep I
gil20129399	FBgn0032114	714.9	1427.79	1427.78	0.01	0	43	0.0006	1	EEIFGPVQQLIR	1.23E+07	parkin null-Rep I
gil20129399	FBgn0032114	541.28	1080.55	1080.55	0	0	43	0.0016	1	VAFTGSTDVVGK	1.90E+06	control-Rep II
gil20129399	FBgn0032114	541.28	1080.55	1080.55	0	0	59	4.00E-05	1	VAFTGSTDVVGK	1.98E+06	parkin null-Rep I
gil20129399	FBgn0032114	541.28	1080.55	1080.55	0	0	54	0.00011	1	VAFTGSTDVVGK	2.51E+06	control-Rep I
gil24583531	FBgn0032299	1046.9	3137.67	3137.64	0.03	0	69	8.30E-07	1	INLFEILGDQVPSEVINLQSQVDQIGR	8.47E+06	control-Rep I
gil24583531	FBgn0032299	1046.9	3137.67	3137.64	0.04	0	71	4.70E-07	1	INLFEILGDQVPSEVINLQSQVDQIGR	8.82E+06	control-Rep II
gil24583531	FBgn0032299	1046.9	3137.67	3137.64	0.04	0	81	5.40E-08	1	INLFEILGDQVPSEVINLQSQVDQIGR	9.74E+06	parkin null-Rep I
gil24583531	FBgn0032299	1046.9	3137.68	3137.64	0.04	0	91	4.40E-09	1	INLFEILGDQVPSEVINLQSQVDQIGR	1.04E+07	parkin null-Rep II
gil24583531	FBgn0032299	1084.9	3251.68	3251.68	0	1	68	3.00E-06	1	INLFEILGDQVPSEVINLQSQVDQIGRN	4.70E+06	control-Rep I
gil24583531	FBgn0032299	1084.91	3251.71	3251.68	0.03	1	71	1.30E-06	1	INLFEILGDQVPSEVINLQSQVDQIGRN	5.16E+06	parkin null-Rep I
gil19921140	FBgn0032350	850.94	1699.87	1699.86	0	0	68	2.30E-06	1	GGIIDEQAVLDGLESGK	4.09E+06	control-Rep II
gil19921140	FBgn0032350	850.94	1699.87	1699.86	0	0	44	0.0005	1	GGIIDEQAVLDGLESGK	4.90E+06	parkin null-Rep II
gil19921140	FBgn0032350	850.94	1699.87	1699.86	0	0	58	1.90E-05	1	GGIIDEQAVLDGLESGK	5.05E+06	parkin null-Rep I
gil19921140	FBgn0032350	850.94	1699.87	1699.86	0	0	70	1.40E-06	1	GGIIDEQAVLDGLESGK	5.49E+06	control-Rep I
gil19921140	FBgn0032350	927.5	2779.48	2779.46	0.02	0	32	0.0063	1	MTLEEIWPLADYITVHTPLIPATR	1.89E+06	parkin null-Rep II
gil19921140	FBgn0032350	927.5	2779.46	2779.46	0	0	43	0.00064	1	MTLEEIWPLADYITVHTPLIPATR	5.86E+06	control-Rep I
gil28573391	FBgn0033728	1129.54	3385.6	3385.58	0.01	0	51	0.00011	1	AEEPIAHSQESNIEPDGSYNYAYETANGIK	3.49E+06	parkin null-Rep I
gil28573391	FBgn0033728	1129.55	3385.63	3385.58	0.04	0	30	0.02	1	AEEPIAHSQESNIEPDGSYNYAYETANGIK	3.51E+06	control-Rep II
gil28573391	FBgn0033728	1129.55	3385.63	3385.58	0.04	0	46	0.00051	1	AEEPIAHSQESNIEPDGSYNYAYETANGIK	4.21E+06	parkin null-Rep II
gil28573391	FBgn0033728	650.88	1299.75	1299.74	0.01	0	60	9.90E-06	1	ALDYLLSLPPAK	8.79E+07	control-Rep II
gil28573391	FBgn0033728	650.88	1299.75	1299.74	0	0	46	0.00028	1	ALDYLLSLPPAK	9.03E+07	parkin null-Rep II
gil28573391	FBgn0033728	650.88	1299.75	1299.74	0	0	54	4.70E-05	1	ALDYLLSLPPAK	1.07E+08	control-Rep I
gil28573391	FBgn0033728	650.88	1299.75	1299.74	0.01	0	62	6.10E-06	1	ALDYLLSLPPAK	1.13E+08	parkin null-Rep I
gil28573391	FBgn0033728	666.34	1330.67	1330.67	0	0	54	6.60E-05	1	ATSPDSSDVIIAR	1.06E+07	parkin null-Rep II
gil28573391	FBgn0033728	666.34	1330.66	1330.67	-0.01	0	51	0.00012	1	ATSPDSSDVIIAR	1.14E+07	control-Rep II
gil28573391	FBgn0033728	666.34	1330.67	1330.67	0	0	60	1.40E-05	1	ATSPDSSDVIIAR	1.15E+07	parkin null-Rep I
gil28573391	FBgn0033728	666.35	1330.68	1330.67	0	0	46	0.00043	1	ATSPDSSDVIIAR	1.32E+07	control-Rep I
gil28573391	FBgn0033728	487.26	1458.76	1458.77	-0.01	1	22	0.19	1	KATSPDSSDVIIAR	1.14E+05	parkin null-Rep II
gil28573391	FBgn0033728	487.26	1458.76	1458.77	-0.01	1	21	0.29	1	KATSPDSSDVIIAR	2.19E+05	control-Rep II
gil24653025	FBgn0033730	1195.01	2388.01	2388.02	-0.01	0	94	3.50E-10	1	QDNVNNADGSFNSSYETSNGIR	1.32E+06	control-Rep II
gil24653025	FBgn0033730	1195.02	2388.03	2388.02	0	0	87	3.40E-09	1	QDNVNNADGSFNSSYETSNGIR	2.61E+06	parkin null-Rep II

gij24653025	FBgn0033730	1092.01	2182	2182	0	0	54	3.00E-05	1	YVADENGFQPEGDHLVPAPQ	1.81E+07	parkin null-Rep II
gij24653025	FBgn0033730	1092	2181.99	2182	-0.01	0	38	0.0009	1	YVADENGFQPEGDHLVPAPQ	1.89E+07	control-Rep II
gij24653025	FBgn0033730	1092	2181.99	2182	-0.01	0	52	3.50E-05	1	YVADENGFQPEGDHLVPAPQ	1.93E+07	control-Rep I
gij24653025	FBgn0033730	1092.01	2182	2182	0	0	41	0.0005	1	YVADENGFQPEGDHLVPAPQ	2.10E+07	parkin null-Rep I
gij25012440	FBgn0034603	695.34	2083.01	2083.01	0	0	24	0.051	1	IEGGTEYHYTTVTSEGIVK	9.74E+06	control-Rep II
gij25012440	FBgn0034603	695.34	2083	2083.01	-0.01	0	35	0.0056	1	IEGGTEYHYTTVTSEGIVK	1.03E+07	parkin null-Rep I
gij25012440	FBgn0034603	695.34	2083.01	2083.01	0	0	35	0.0035	1	IEGGTEYHYTTVTSEGIVK	1.06E+07	parkin null-Rep II
gij25012440	FBgn0034603	899.97	1797.93	1797.94	0	0	50	0.00013	1	IVPSENPGDVTTVETIK	1.02E+07	parkin null-Rep I
gij25012440	FBgn0034603	899.97	1797.93	1797.94	-0.01	0	63	7.90E-06	1	IVPSENPGDVTTVETIK	1.04E+07	control-Rep II
gij25012440	FBgn0034603	899.98	1797.95	1797.94	0.01	0	46	0.00034	1	IVPSENPGDVTTVETIK	1.07E+07	control-Rep I
gij25012440	FBgn0034603	899.98	1797.94	1797.94	0.01	0	68	2.10E-06	1	IVPSENPGDVTTVETIK	1.15E+07	parkin null-Rep II
gij25012440	FBgn0034603	653	1955.96	1955.96	0.01	1	52	8.10E-05	1	RVPGGVEYTYSTQLDSGK	4.63E+06	control-Rep II
gij25012440	FBgn0034603	652.99	1955.95	1955.96	-0.01	1	60	1.30E-05	1	RVPGGVEYTYSTQLDSGK	5.70E+06	parkin null-Rep II
gij25012440	FBgn0034603	652.99	1955.95	1955.96	-0.01	1	48	0.0002	1	RVPGGVEYTYSTQLDSGK	6.10E+06	parkin null-Rep I
gij25012440	FBgn0034603	652.99	1955.96	1955.96	0	1	51	9.30E-05	1	RVPGGVEYTYSTQLDSGK	8.96E+06	control-Rep I
gij24762535	FBgn0034968	716.85	1431.69	1431.7	-0.02	0	65	3.90E-06	1	CVGGVEGATSSLAPK	2.41E+06	parkin null-Rep I
gij24762535	FBgn0034968	716.86	1431.7	1431.7	0	0	75	4.50E-07	1	CVGGVEGATSSLAPK	5.01E+06	control-Rep II
gij24762535	FBgn0034968	716.86	1431.71	1431.7	0	0	64	5.80E-06	1	CVGGVEGATSSLAPK	5.72E+06	control-Rep I
gij24762535	FBgn0034968	810.9	1619.79	1619.78	0.01	0	62	7.30E-06	1	EVLGTAQSVGCTVDGK	3.71E+06	parkin null-Rep I
gij24762535	FBgn0034968	810.9	1619.78	1619.78	0	0	68	2.00E-06	1	EVLGTAQSVGCTVDGK	3.97E+06	parkin null-Rep II
gij24762535	FBgn0034968	810.9	1619.79	1619.78	0	0	78	2.00E-07	1	EVLGTAQSVGCTVDGK	4.52E+06	control-Rep II
gij21355923	FBgn0035510	629.66	1885.97	1885.97	0	0	33	0.006	1	IVEYTADPVHGFNAVVR	5.67E+06	control-Rep II
gij21355923	FBgn0035510	629.66	1885.97	1885.97	0	0	21	0.099	1	IVEYTADPVHGFNAVVR	1.23E+07	control-Rep I
gij21355923	FBgn0035510	626.36	1250.71	1250.7	0	0	23	0.071	1	LALPALSPLGYH	7.46E+06	control-Rep I
gij21355923	FBgn0035510	626.36	1250.71	1250.7	0	0	35	0.0045	1	LALPALSPLGYH	2.17E+07	parkin null-Rep II
gij21355923	FBgn0035510	626.36	1250.71	1250.7	0	0	24	0.057	1	LALPALSPLGYH	2.34E+07	parkin null-Rep I
gij21355923	FBgn0035510	1068.25	3201.72	3201.7	0.02	0	52	3.20E-05	1	VPAYGPALAPAYPALAHGYGPALAPAYGPALPK	1.85E+07	parkin null-Rep I
gij21355923	FBgn0035510	1068.25	3201.73	3201.7	0.03	0	57	1.10E-05	1	VPAYGPALAPAYPALAHGYGPALAPAYGPALPK	2.57E+07	control-Rep II
gij21355923	FBgn0035510	1068.25	3201.73	3201.7	0.03	0	51	4.30E-05	1	VPAYGPALAPAYPALAHGYGPALAPAYGPALPK	2.91E+07	control-Rep I
gij24661247	FBgn0035943	633.32	1264.63	1264.63	0	0	64	1.10E-05	1	DVASEALNTFAK	4.28E+06	control-Rep II
gij24661247	FBgn0035943	633.32	1264.63	1264.63	0	0	70	2.60E-06	1	DVASEALNTFAK	4.83E+06	parkin null-Rep II
gij24661247	FBgn0035943	548.93	1643.78	1643.78	0	0	43	0.00053	1	NHFSTVHGAVEAGYR	5.14E+06	parkin null-Rep II
gij24661247	FBgn0035943	548.94	1643.78	1643.78	0	0	48	0.00019	1	NHFSTVHGAVEAGYR	6.37E+06	control-Rep II
gij24661247	FBgn0035943	548.93	1643.78	1643.78	0	0	45	0.0003	1	NHFSTVHGAVEAGYR	7.51E+06	parkin null-Rep I
gij24661247	FBgn0035943	548.93	1643.78	1643.78	0	0	51	7.70E-05	1	NHFSTVHGAVEAGYR	7.53E+06	control-Rep I
gij24661247	FBgn0035943	842.75	2525.22	2525.23	-0.01	0	25	0.033	1	SMPSPGPHPVVGSFGTHLQTFWR	2.49E+06	parkin null-Rep I
gij24661247	FBgn0035943	842.75	2525.23	2525.23	0	0	34	0.0048	1	SMPSPGPHPVVGSFGTHLQTFWR	2.81E+06	parkin null-Rep II
gij21357213	FBgn0036619	827.43	1652.84	1652.84	0	0	91	9.30E-09	1	APLPVTDTEEVQQR	1.80E+07	parkin null-Rep II
gij21357213	FBgn0036619	827.43	1652.84	1652.84	0	0	80	1.20E-07	1	APLPVTDTEEVQQR	1.80E+07	parkin null-Rep I

gij21357213	FBgn0036619	827.43	1652.84	1652.84	0	0	96	2.80E-09	1	APLPVTDTEEVQQR	2.10E+07	control-Rep II
gij21357213	FBgn0036619	827.43	1652.84	1652.84	0	0	102	8.60E-10	1	APLPVTDTEEVQQR	2.25E+07	control-Rep I
gij21357213	FBgn0036619	611.28	1220.54	1220.53	0	0	47	8.40E-05	1	GFYSYVDADGK	1.83E+07	parkin null-Rep II
gij21357213	FBgn0036619	611.28	1220.54	1220.53	0	0	65	1.10E-06	1	GFYSYVDADGK	2.12E+07	parkin null-Rep I
gij21357213	FBgn0036619	611.28	1220.54	1220.53	0.01	0	56	1.00E-05	1	GFYSYVDADGK	2.28E+07	control-Rep I
gij21357213	FBgn0036619	611.27	1220.54	1220.53	0	0	62	2.60E-06	1	GFYSYVDADGK	2.49E+07	control-Rep II
gij21357213	FBgn0036619	556.77	1111.53	1111.53	0	0	25	0.054	1	YEANGVQGFK	2.48E+06	parkin null-Rep II
gij21357213	FBgn0036619	556.77	1111.53	1111.53	0	0	33	0.0086	1	YEANGVQGFK	2.85E+06	parkin null-Rep I
gij21357213	FBgn0036619	556.77	1111.53	1111.53	0	0	41	0.0014	1	YEANGVQGFK	3.65E+06	control-Rep II
gij21357213	FBgn0036619	556.77	1111.52	1111.53	0	0	39	0.0023	1	YEANGVQGFK	3.96E+06	control-Rep I
gij24665395	FBgn0036642	484.26	1449.77	1449.77	0	0	30	0.013	1	AVVAVAGQGAAASNHK	1.02E+06	parkin null-Rep II
gij24665395	FBgn0036642	484.26	1449.77	1449.77	0	0	27	0.028	1	AVVAVAGQGAAASNHK	1.17E+06	parkin null-Rep I
gij24665395	FBgn0036642	484.26	1449.77	1449.77	0	0	28	0.021	1	AVVAVAGQGAAASNHK	1.31E+06	control-Rep II
gij24665395	FBgn0036642	484.26	1449.77	1449.77	0	0	28	0.019	1	AVVAVAGQGAAASNHK	1.65E+06	control-Rep I
gij24665395	FBgn0036642	772.94	1543.87	1543.86	0.01	0	54	3.60E-05	1	EALAFaILEQALGAK	2.95E+06	parkin null-Rep II
gij24665395	FBgn0036642	772.94	1543.87	1543.86	0.01	0	67	1.60E-06	1	EALAFaILEQALGAK	4.41E+06	parkin null-Rep I
gij24665395	FBgn0036642	772.94	1543.86	1543.86	0	0	70	1.10E-06	1	EALAFaILEQALGAK	4.89E+06	control-Rep II
gij24665395	FBgn0036642	772.95	1543.88	1543.86	0.02	0	71	5.10E-07	1	EALAFaILEQALGAK	7.19E+06	control-Rep I
gij24665395	FBgn0036642	926.51	1851.01	1850.99	0.02	0	25	0.034	1	LAVGAIGHLANVPYASDLA	4.68E+06	control-Rep II
gij24665395	FBgn0036642	926.51	1851.01	1850.99	0.02	0	33	0.0081	1	LAVGAIGHLANVPYASDLA	5.45E+06	parkin null-Rep II
gij24665395	FBgn0036642	926.51	1851	1850.99	0.01	0	22	0.073	1	LAVGAIGHLANVPYASDLA	6.54E+06	parkin null-Rep I
gij24665395	FBgn0036642	706.91	1411.81	1411.8	0	0	47	0.00019	1	LVVATADATLPVSR	2.43E+07	parkin null-Rep II
gij24665395	FBgn0036642	706.91	1411.81	1411.8	0	0	27	0.02	1	LVVATADATLPVSR	2.45E+07	parkin null-Rep I
gij24665395	FBgn0036642	706.91	1411.81	1411.8	0	0	45	0.00033	1	LVVATADATLPVSR	2.47E+07	control-Rep II
gij24665395	FBgn0036642	706.91	1411.8	1411.8	0	0	62	7.10E-06	1	LVVATADATLPVSR	3.04E+07	control-Rep I
gij24665395	FBgn0036642	823.42	1644.83	1644.82	0.01	0	85	5.10E-08	1	NIQQVGGTLTTWGDR	1.37E+07	parkin null-Rep II
gij24665395	FBgn0036642	823.42	1644.82	1644.82	-0.01	0	86	3.80E-08	1	NIQQVGGTLTTWGDR	1.60E+07	control-Rep I
gij24665395	FBgn0036642	823.42	1644.82	1644.82	0	0	87	3.50E-08	1	NIQQVGGTLTTWGDR	1.68E+07	control-Rep II
gij24665395	FBgn0036642	847.45	2539.32	2539.31	0.01	0	98	1.70E-09	1	NVLEADALLGAIDGISQSQVQEA	7.73E+06	control-Rep II
gij24665395	FBgn0036642	847.46	2539.34	2539.31	0.03	0	79	1.00E-07	1	NVLEADALLGAIDGISQSQVQEA	8.96E+06	parkin null-Rep II
gij24665395	FBgn0036642	847.46	2539.34	2539.31	0.03	0	71	6.40E-07	1	NVLEADALLGAIDGISQSQVQEA	9.37E+06	control-Rep I
gij24665395	FBgn0036642	479.79	957.57	957.56	0	0	93	7.00E-09	1	VSLVLGAGSR	2.85E+05	parkin null-Rep I
gij24665395	FBgn0036642	479.79	957.57	957.56	0	0	71	1.20E-06	1	VSLVLGAGSR	1.06E+06	control-Rep I
gij21358499	FBgn0036762	724.88	1447.75	1447.75	0	0	29	0.021	1	EANVAAAFGKPINF	1.81E+06	control-Rep II
gij21358499	FBgn0036762	724.88	1447.75	1447.75	0	0	28	0.027	1	EANVAAAFGKPINF	3.22E+06	control-Rep I
gij21358499	FBgn0036762	888.94	1775.86	1775.85	0.01	0	35	0.0046	1	EATLGGTCLNVGCIPSK	8.00E+06	parkin null-Rep I
gij21358499	FBgn0036762	888.94	1775.87	1775.85	0.01	0	51	0.0001	1	EATLGGTCLNVGCIPSK	9.52E+06	parkin null-Rep II
gij21358499	FBgn0036762	888.93	1775.86	1775.85	0	0	47	0.00024	1	EATLGGTCLNVGCIPSK	1.10E+07	control-Rep II
gij21358499	FBgn0036762	888.94	1775.87	1775.85	0.01	0	42	0.00088	1	EATLGGTCLNVGCIPSK	1.25E+07	control-Rep I

gij21358499	FBgn0036762	1107.91	3320.72	3320.71	0.01	0	62	5.70E-06	1	ILGTHIIGPGAGELINEAVLAMEYGAAAEDVAR	7.74E+06	parkin null-Rep II
gij21358499	FBgn0036762	1107.91	3320.72	3320.71	0.02	0	75	3.00E-07	1	ILGTHIIGPGAGELINEAVLAMEYGAAAEDVAR	1.19E+07	control-Rep I
gij21358499	FBgn0036762	660.32	1318.63	1318.64	-0.01	0	56	5.30E-05	1	SGDNVTVSVENAK	1.56E+06	parkin null-Rep II
gij21358499	FBgn0036762	660.33	1318.64	1318.64	0	0	59	1.70E-05	1	SGDNVTVSVENAK	2.29E+06	parkin null-Rep I
gij21358499	FBgn0036762	660.33	1318.64	1318.64	0	0	49	0.00019	1	SGDNVTVSVENAK	2.99E+06	control-Rep II
gij21358499	FBgn0036762	660.33	1318.64	1318.64	0	0	60	1.60E-05	1	SGDNVTVSVENAK	3.42E+06	control-Rep I
gij21358499	FBgn0036762	1023.04	2044.07	2044.08	-0.02	0	34	0.0055	1	VTQLTGFGTIVNPNEVEVK	6.83E+06	control-Rep I
gij21358499	FBgn0036762	1023.05	2044.09	2044.08	0	0	54	5.70E-05	1	VTQLTGFGTIVNPNEVEVK	6.91E+06	parkin null-Rep II
gij21358499	FBgn0036762	1023.06	2044.11	2044.08	0.02	0	52	7.60E-05	1	VTQLTGFGTIVNPNEVEVK	7.06E+06	control-Rep II
gij21358499	FBgn0036762	1023.05	2044.09	2044.08	0	0	36	0.003	1	VTQLTGFGTIVNPNEVEVK	7.51E+06	parkin null-Rep I
gij20151469	FBgn0037138	795.43	1588.85	1588.85	0	0	30	0.024	1	DFPIANEPILGYLK	1.47E+06	parkin null-Rep I
gij20151469	FBgn0037138	795.43	1588.85	1588.85	0	0	39	0.003	1	DFPIANEPILGYLK	3.62E+06	parkin null-Rep II
gij20151469	FBgn0037138	795.44	1588.87	1588.85	0.02	0	39	0.003	1	DFPIANEPILGYLK	3.99E+06	control-Rep I
gij20151469	FBgn0037138	669.38	1336.74	1336.74	0	0	48	0.00017	1	GYFVNPTIVLSK	9.19E+06	parkin null-Rep II
gij20151469	FBgn0037138	669.38	1336.75	1336.74	0.01	0	50	0.00019	1	GYFVNPTIVLSK	9.80E+06	control-Rep II
gij20151469	FBgn0037138	669.38	1336.74	1336.74	0	0	44	0.00041	1	GYFVNPTIVLSK	1.09E+07	control-Rep I
gij20151469	FBgn0037138	611.02	1830.04	1830.03	0.01	1	49	7.00E-05	1	LKDFPIANEPILGYLK	6.29E+06	parkin null-Rep II
gij20151469	FBgn0037138	611.02	1830.04	1830.03	0.01	1	58	9.90E-06	1	LKDFPIANEPILGYLK	9.21E+06	control-Rep II
gij20151469	FBgn0037138	611.02	1830.03	1830.03	0.01	1	39	0.00085	1	LKDFPIANEPILGYLK	1.14E+07	control-Rep I
gij20151469	FBgn0037138	745.89	1489.77	1489.76	0.01	0	45	0.00064	1	MYVPESLWPQIK	1.07E+07	control-Rep II
gij20151469	FBgn0037138	745.89	1489.76	1489.76	0	0	41	0.0015	1	MYVPESLWPQIK	1.28E+07	parkin null-Rep II
gij20151469	FBgn0037138	745.9	1489.79	1489.76	0.02	0	33	0.0091	1	MYVPESLWPQIK	1.31E+07	control-Rep I
gij20151469	FBgn0037138	745.89	1489.77	1489.76	0	0	48	0.00032	1	MYVPESLWPQIK	1.32E+07	parkin null-Rep I
gij20151469	FBgn0037138	825.41	1648.81	1648.8	0.01	0	37	0.0066	1	QVGNNIDNYVNFPR	4.52E+06	parkin null-Rep I
gij20151469	FBgn0037138	825.4	1648.79	1648.8	-0.01	0	45	0.00079	1	QVGNNIDNYVNFPR	6.37E+06	control-Rep I
gij16197833	FBgn0037643	635.35	1268.69	1268.69	-0.01	0	65	6.70E-06	1	DLNLNMPVVVR	4.45E+06	control-Rep II
gij16197833	FBgn0037643	635.35	1268.69	1268.69	-0.01	0	47	0.0005	1	DLNLNMPVVVR	5.20E+06	parkin null-Rep II
gij16197833	FBgn0037643	635.36	1268.7	1268.69	0.01	0	35	0.003	1	DLNLNMPVVVR	6.47E+06	parkin null-Rep I
gij16197833	FBgn0037643	635.35	1268.69	1268.69	-0.01	0	49	0.0003	1	DLNLNMPVVVR	6.56E+06	control-Rep I
gij16197833	FBgn0037643	703.83	1405.65	1405.65	-0.01	0	21	0.056	1	MDVNFEIPDAQK	5.18E+06	parkin null-Rep II
gij16197833	FBgn0037643	703.83	1405.65	1405.65	-0.01	0	24	0.03	1	MDVNFEIPDAQK	5.67E+06	control-Rep I
gij24646943	FBgn0038271	971.47	1940.93	1940.94	-0.02	0	67	3.40E-06	1	CPAVAAVGPVENLPDYNR	3.30E+06	parkin null-Rep I
gij24646943	FBgn0038271	971.48	1940.95	1940.94	0	0	77	2.00E-07	1	CPAVAAVGPVENLPDYNR	6.39E+06	parkin null-Rep II
gij24646943	FBgn0038271	971.48	1940.94	1940.94	0	0	67	1.70E-06	1	CPAVAAVGPVENLPDYNR	8.62E+06	control-Rep I
gij24646943	FBgn0038271	449.79	897.57	897.56	0	0	31	0.0064	1	IVLAAAGGVK	3.01E+06	parkin null-Rep II
gij24646943	FBgn0038271	449.79	897.57	897.56	0	0	43	0.00039	1	IVLAAAGGVK	3.82E+06	parkin null-Rep I
gij24646943	FBgn0038271	449.79	897.57	897.56	0	0	39	0.001	1	IVLAAAGGVK	4.54E+06	control-Rep II
gij24646943	FBgn0038271	449.79	897.57	897.56	0	0	34	0.0029	1	IVLAAAGGVK	7.02E+06	control-Rep I
gij24646943	FBgn0038271	719.35	1436.68	1436.66	0.02	0	58	1.60E-05	1	LCTMVTEAEVER	5.38E+06	parkin null-Rep II

gij24646943	FBgn0038271	719.34	1436.67	1436.66	0	0	58	1.20E-05	1	LCTMVTEAEVER	5.90E+06	parkin null-Rep I
gij24646943	FBgn0038271	719.34	1436.67	1436.66	0.01	0	67	1.80E-06	1	LCTMVTEAEVER	8.23E+06	control-Rep II
gij24646943	FBgn0038271	719.34	1436.67	1436.66	0	0	71	1.20E-06	1	LCTMVTEAEVER	1.10E+07	control-Rep I
gij24646943	FBgn0038271	1074.03	2146.05	2146.04	0.01	0	72	9.40E-07	1	TNMLLQLDGTTPICEDIGR	9.51E+05	parkin null-Rep II
gij24646943	FBgn0038271	1074.03	2146.05	2146.04	0.01	0	62	9.00E-06	1	TNMLLQLDGTTPICEDIGR	2.63E+06	control-Rep I
gij38048721	FBgn0038570	937.46	1872.91	1872.91	-0.01	0	77	4.10E-07	1	VGDSLPAVDLFDSPANK	2.55E+06	parkin null-Rep I
gij38048721	FBgn0038570	937.47	1872.92	1872.91	0	0	81	8.80E-08	1	VGDSLPAVDLFDSPANK	9.44E+06	control-Rep II
gij38048721	FBgn0038570	937.47	1872.93	1872.91	0.02	0	73	6.20E-07	1	VGDSLPAVDLFDSPANK	1.03E+07	control-Rep I
gij38048721	FBgn0038570	825.44	1648.86	1648.86	0	0	31	0.01	1	VIIFGVPGAFTPGCSK	1.61E+07	parkin null-Rep II
gij38048721	FBgn0038570	825.45	1648.88	1648.86	0.01	0	39	0.0014	1	VIIFGVPGAFTPGCSK	1.77E+07	control-Rep II
gij38048721	FBgn0038570	825.44	1648.87	1648.86	0.01	0	36	0.0039	1	VIIFGVPGAFTPGCSK	1.96E+07	control-Rep I
gij38048721	FBgn0038570	825.43	1648.85	1648.86	-0.02	0	28	0.054	1	VIIFGVPGAFTPGCSK	2.07E+07	parkin null-Rep I
gij24647881	FBgn0038587	1160.68	2319.35	2319.32	0.03	0	75	5.60E-08	1	ALVAIITNPVNTCVPIAAEILK	5.74E+06	parkin null-Rep II
gij24647881	FBgn0038587	1160.66	2319.31	2319.32	-0.02	0	85	1.80E-08	1	ALVAIITNPVNTCVPIAAEILK	5.95E+06	control-Rep II
gij24647881	FBgn0038587	816.82	2447.43	2447.42	0.01	1	29	0.0015	1	ALVAIITNPVNTCVPIAAEILKK	1.87E+07	control-Rep II
gij24647881	FBgn0038587	816.82	2447.44	2447.42	0.02	1	37	0.00023	1	ALVAIITNPVNTCVPIAAEILKK	2.30E+07	control-Rep I
gij24647881	FBgn0038587	659.86	1317.71	1317.69	0.01	0	74	6.50E-07	1	DDLFNVNAGIHK	9.52E+06	parkin null-Rep I
gij24647881	FBgn0038587	659.86	1317.71	1317.69	0.01	0	48	0.00022	1	DDLFNVNAGIHK	1.07E+07	parkin null-Rep II
gij24647881	FBgn0038587	659.86	1317.71	1317.69	0.01	0	60	1.50E-05	1	DDLFNVNAGIHK	1.28E+07	control-Rep II
gij24647881	FBgn0038587	659.85	1317.69	1317.69	-0.01	0	56	4.10E-05	1	DDLFNVNAGIHK	1.40E+07	control-Rep I
gij24647881	FBgn0038587	537.3	1072.58	1072.58	0.01	0	28	0.037	1	IQEAGTEVVK	1.20E+06	parkin null-Rep II
gij24647881	FBgn0038587	537.3	1072.59	1072.58	0.01	0	30	0.033	1	IQEAGTEVVK	1.55E+06	parkin null-Rep I
gij24647881	FBgn0038587	537.29	1072.57	1072.58	0	0	28	0.042	1	IQEAGTEVVK	2.14E+06	control-Rep II
gij24647881	FBgn0038587	537.3	1072.59	1072.58	0.01	0	27	0.06	1	IQEAGTEVVK	2.22E+06	control-Rep I
gij24647881	FBgn0038587	603.35	1204.69	1204.68	0	0	52	0.00011	1	LFGVSTLDVVR	2.80E+07	parkin null-Rep II
gij24647881	FBgn0038587	603.35	1204.69	1204.68	0	0	52	7.10E-05	1	LFGVSTLDVVR	3.11E+07	parkin null-Rep I
gij24647881	FBgn0038587	603.35	1204.68	1204.68	0	0	52	7.30E-05	1	LFGVSTLDVVR	3.18E+07	control-Rep II
gij24647881	FBgn0038587	603.35	1204.69	1204.68	0	0	58	1.80E-05	1	LFGVSTLDVVR	4.12E+07	control-Rep I
gij24647881	FBgn0038587	746.89	1491.76	1491.76	0.01	0	63	7.20E-06	1	TAGFIGADQLGDSLK	2.08E+07	parkin null-Rep II
gij24647881	FBgn0038587	746.89	1491.77	1491.76	0.01	0	71	1.10E-06	1	TAGFIGADQLGDSLK	2.14E+07	control-Rep II
gij24647881	FBgn0038587	746.89	1491.76	1491.76	0.01	0	60	1.40E-05	1	TAGFIGADQLGDSLK	2.26E+07	parkin null-Rep I
gij24647881	FBgn0038587	746.88	1491.75	1491.76	-0.01	0	74	5.60E-07	1	TAGFIGADQLGDSLK	2.94E+07	control-Rep I
gij21356183	FBgn0038774	794.38	1586.75	1586.75	0	0	65	3.40E-06	1	AHEGELNLQMGFNK	4.36E+06	control-Rep II
gij21356183	FBgn0038774	794.38	1586.75	1586.75	-0.01	0	46	0.00046	1	AHEGELNLQMGFNK	5.72E+06	parkin null-Rep I
gij21356183	FBgn0038774	794.39	1586.77	1586.75	0.01	0	56	4.90E-05	1	AHEGELNLQMGFNK	6.09E+06	parkin null-Rep II
gij21356183	FBgn0038774	794.38	1586.75	1586.75	0	0	55	3.00E-05	1	AHEGELNLQMGFNK	8.99E+06	control-Rep I
gij21356183	FBgn0038774	725.86	1449.71	1449.7	0.01	0	54	5.90E-05	1	GTNFQLMENIQR	5.93E+06	parkin null-Rep II
gij21356183	FBgn0038774	725.86	1449.7	1449.7	0	0	29	0.014	1	GTNFQLMENIQR	7.49E+06	control-Rep I
gij21356183	FBgn0038774	725.86	1449.7	1449.7	0	0	44	0.00049	1	GTNFQLMENIQR	9.23E+06	parkin null-Rep I

gij21356183	FBgn0038774	1022	2041.98	2041.96	0.02	0	73	4.50E-07	1	YGVPEEEIFQTADLFFER	1.19E+07	parkin null-Rep II
gij21356183	FBgn0038774	1022	2041.98	2041.96	0.02	0	72	5.70E-07	1	YGVPEEEIFQTADLFFER	1.24E+07	control-Rep I
gij21356183	FBgn0038774	1021.99	2041.97	2041.96	0.01	0	70	8.70E-07	1	YGVPEEEIFQTADLFFER	1.24E+07	parkin null-Rep I
gij21356183	FBgn0038774	1021.99	2041.97	2041.96	0.01	0	58	1.40E-05	1	YGVPEEEIFQTADLFFER	1.30E+07	control-Rep II
gij24649832	FBgn0039241	766.38	1530.75	1530.73	0.01	0	36	0.0064	1	DVSEITGAPEMLGGR	7.18E+06	control-Rep II
gij24649832	FBgn0039241	766.37	1530.73	1530.73	-0.01	0	45	0.00066	1	DVSEITGAPEMLGGR	7.61E+06	parkin null-Rep II
gij24649832	FBgn0039241	856.45	1710.89	1710.87	0.01	0	55	0.00013	1	QLSGVALGSDAFFPFR	1.93E+06	control-Rep II
gij24649832	FBgn0039241	856.45	1710.89	1710.87	0.01	0	30	0.042	1	QLSGVALGSDAFFPFR	3.54E+06	parkin null-Rep II
gij24649832	FBgn0039241	856.44	1710.87	1710.87	-0.01	0	49	0.00042	1	QLSGVALGSDAFFPFR	4.72E+06	control-Rep I
gij24649832	FBgn0039241	713.34	1424.66	1424.66	0	0	59	9.60E-06	1	VTVVCEAVDYDR	5.89E+06	parkin null-Rep II
gij24649832	FBgn0039241	713.34	1424.67	1424.66	0	0	67	3.30E-06	1	VTVVCEAVDYDR	7.48E+06	parkin null-Rep I
gij24649832	FBgn0039241	713.34	1424.67	1424.66	0	0	90	1.60E-08	1	VTVVCEAVDYDR	9.79E+06	control-Rep I
gij24651102	FBgn0039685	812.38	2434.12	2434.13	-0.02	0	33	0.0061	1	AYHAGMCFMNSNLQLVQHSVK	1.01E+07	control-Rep II
gij24651102	FBgn0039685	812.39	2434.14	2434.13	0.01	0	36	0.0017	1	AYHAGMCFMNSNLQLVQHSVK	1.09E+07	parkin null-Rep I
gij24651102	FBgn0039685	774.73	2321.17	2321.18	0	0	63	8.10E-06	1	IHIQLAGPGVEVHESDEVHQK	8.76E+07	parkin null-Rep II
gij24651102	FBgn0039685	774.74	2321.19	2321.18	0.01	0	55	5.50E-05	1	IHIQLAGPGVEVHESDEVHQK	1.01E+08	parkin null-Rep I
gij24651102	FBgn0039685	774.73	2321.18	2321.18	0.01	0	55	5.00E-05	1	IHIQLAGPGVEVHESDEVHQK	1.02E+08	control-Rep II
gij24651102	FBgn0039685	774.73	2321.18	2321.18	0	0	56	3.70E-05	1	IHIQLAGPGVEVHESDEVHQK	1.13E+08	control-Rep I
gij24651102	FBgn0039685	570.8	1139.58	1139.58	0	0	40	0.0016	1	VHASEELVEK	9.67E+06	parkin null-Rep II
gij24651102	FBgn0039685	570.8	1139.58	1139.58	0	0	39	0.0017	1	VHASEELVEK	1.18E+07	control-Rep II
gij24651102	FBgn0039685	570.8	1139.58	1139.58	0	0	41	0.0011	1	VHASEELVEK	1.35E+07	control-Rep I
gij24651102	FBgn0039685	570.8	1139.58	1139.58	0	0	43	0.0007	1	VHASEELVEK	1.75E+07	parkin null-Rep I
gij24651102	FBgn0039685	825.04	2472.1	2472.09	0.01	0	21	0.024	1	WQYPDDAVTHCYLECFQK	3.59E+07	control-Rep I
gij24651102	FBgn0039685	1237.05	2472.09	2472.09	0	0	64	8.20E-07	1	WQYPDDAVTHCYLECFQK	3.60E+07	control-Rep II
gij24651183	FBgn0039713	838.93	1675.85	1675.85	-0.01	0	47	0.00031	1	IADVYVYNASNNELVR	3.39E+06	control-Rep II
gij24651183	FBgn0039713	838.93	1675.85	1675.85	-0.01	0	56	4.20E-05	1	IADVYVYNASNNELVR	3.84E+06	parkin null-Rep I
gij24651183	FBgn0039713	838.94	1675.87	1675.85	0.01	0	50	0.00017	1	IADVYVYNASNNELVR	6.91E+06	parkin null-Rep II
gij24651183	FBgn0039713	740.35	1478.69	1478.7	-0.01	0	50	0.00013	1	VEQALEDQFTSGR	1.91E+05	parkin null-Rep II
gij24651183	FBgn0039713	740.36	1478.71	1478.7	0.01	0	45	0.00055	1	VEQALEDQFTSGR	1.12E+06	control-Rep I
gij24651183	FBgn0039713	740.36	1478.71	1478.7	0.01	0	53	8.80E-05	1	VEQALEDQFTSGR	1.58E+06	control-Rep II
gij24583090	FBgn0040070	602.32	1202.63	1202.61	0.01	1	36	0.0083	1	DKADLDGQLTK	1.11E+06	parkin null-Rep II
gij24583090	FBgn0040070	602.32	1202.63	1202.61	0.01	1	38	0.0056	1	DKADLDGQLTK	1.38E+06	parkin null-Rep I
gij24583090	FBgn0040070	602.32	1202.63	1202.61	0.01	1	36	0.0089	1	DKADLDGQLTK	1.57E+06	control-Rep II
gij24583090	FBgn0040070	602.32	1202.63	1202.61	0.01	1	39	0.0048	1	DKADLDGQLTK	1.65E+06	control-Rep I
gij24583090	FBgn0040070	518.26	1034.51	1034.5	0	0	27	0.042	1	VEEFAGANAK	9.59E+05	parkin null-Rep I
gij24583090	FBgn0040070	518.26	1034.51	1034.5	0	0	31	0.016	1	VEEFAGANAK	1.05E+06	control-Rep II
gij24583090	FBgn0040070	518.26	1034.51	1034.5	0	0	31	0.02	1	VEEFAGANAK	1.34E+06	control-Rep I
gij24641739	FBgn0040309	805.89	1609.77	1609.76	0.01	0	42	0.00077	1	DYGVLEDEETGIPFR	1.49E+07	control-Rep II
gij24641739	FBgn0040309	805.89	1609.77	1609.76	0	0	43	0.00044	1	DYGVLEDEETGIPFR	1.88E+07	parkin null-Rep II

gij24641739	FBgn0040309	805.89	1609.77	1609.76	0	0	32	0.0054	1	DYGVLDEETGIPFR	2.14E+07	parkin null-Rep I
gij24641739	FBgn0040309	805.9	1609.78	1609.76	0.02	0	46	0.00025	1	DYGVLDEETGIPFR	2.18E+07	control-Rep I
gij24641739	FBgn0040309	714.07	2139.19	2139.18	0.01	0	60	5.80E-06	1	PQLQKPAPAFAGTAVVNGVFK	9.72E+06	control-Rep II
gij24641739	FBgn0040309	714.07	2139.19	2139.18	0.01	0	49	6.60E-05	1	PQLQKPAPAFAGTAVVNGVFK	1.21E+07	parkin null-Rep II
gij24641739	FBgn0040309	714.07	2139.19	2139.18	0	0	70	6.20E-07	1	PQLQKPAPAFAGTAVVNGVFK	1.26E+07	control-Rep I
gij24650465	FBgn0051075	853.46	1704.91	1704.91	0	0	57	4.30E-05	1	IAQEEIFGPVQSIFK	1.06E+07	control-Rep I
gij24650465	FBgn0051075	853.47	1704.92	1704.91	0.01	0	72	1.20E-06	1	IAQEEIFGPVQSIFK	1.23E+07	parkin null-Rep II
gij24650465	FBgn0051075	853.47	1704.93	1704.91	0.02	0	69	1.30E-06	1	IAQEEIFGPVQSIFK	1.23E+07	parkin null-Rep I
gij24650465	FBgn0051075	623.84	1245.67	1245.68	-0.01	0	64	7.80E-06	1	IVMQAAATSNLK	3.22E+06	control-Rep II
gij24650465	FBgn0051075	623.84	1245.68	1245.68	0	0	63	8.30E-06	1	IVMQAAATSNLK	3.87E+06	parkin null-Rep I
gij24650465	FBgn0051075	623.84	1245.67	1245.68	-0.01	0	63	9.10E-06	1	IVMQAAATSNLK	4.25E+06	control-Rep I
gij24650465	FBgn0051075	623.85	1245.69	1245.68	0.01	0	60	1.60E-05	1	IVMQAAATSNLK	4.41E+06	parkin null-Rep II
gij84876	FBgn0000024	814.7	2441.09	2441.11	-0.02	0	28	0.023	1	R.AVGDHFFTCPTNEYAQAALR.G	1.30	F&H (2D-GIST)
gij17136862	FBgn0000024	932.01	1862	1862	0.01	0	39	0.0077	1	R.KPVPAPWGHVLDATRL	1.16	R&H (2D-GIST)
gij17136862	FBgn0000024	722.73	2165.17	2165.17	0.01	1	60	4.90E-05	1	R.FRKPVPAPWGHVLDATRL	1.01	F&H (2D-GIST)
gij17136862	FBgn0000024	722.73	2165.17	2165.17	0.01	1	46	0.0012	1	R.FRKPVPAPWGHVLDATRL	1.05	R&H (2D-GIST)
gij131613	FBgn0000053	549.97	1646.88	1646.87	0	0	49	0.0007	1	K.ALAHITGGGLSENIPR.V	0.80	F&H (2D-GIST)
gij131613	FBgn0000053	824.45	1646.88	1646.87	0.01	0	67	1.20E-05	1	K.ALAHITGGGLSENIPR.V	1.07	F&H (2D-GIST)
gij131613	FBgn0000053	944.51	1887	1887.01	-0.01	0	55	0.00018	1	R.GTQRPVIGGLGGFGLFR.L	1.34	F&H (2D-GIST)
gij131613	FBgn0000053	825.96	1649.9	1649.89	0.01	0	51	0.00045	1	K.ALAHITGGGLSENIPR.V	1.04	R&H (2D-GIST)
gij131613	FBgn0000053	946.02	1890.02	1890.03	-0.01	0	48	0.00084	1	R.GTQRPVIGGLGGFGLFR.L	1.15	F&H (2D-GIST)
gij131613	FBgn0000053	825.95	1649.9	1649.89	0	0	62	4.20E-05	1	K.ALAHITGGGLSENIPR.V	1.06	R&H (2D-GIST)
gij131613	FBgn0000053	944.52	1887.03	1887.01	0.01	0	60	4.70E-05	1	R.GTQRPVIGGLGGFGLFR.L	0.92	R&L (2D-GIST)
gij131613	FBgn0000053	528.26	1054.5	1054.5	0	0	37	0.0052	1	K.AEHWAFPR.A	0.90	R&L (2D-GIST)
gij131613	FBgn0000053	563.99	1688.95	1688.94	0.01	0	47	0.0012	1	K.SVAHVTHGLLDLRL	0.91	F&H (2D-GIST)
gij311725	FBgn0000053	562.98	1685.93	1685.92	0	0	64	2.00E-05	1	K.SVAHVTHGLLDLRL	1.09	R&L (2D-GIST)
gij131613	FBgn0000053	843.97	1685.93	1685.92	0.01	0	53	0.0002	1	K.SVAHVTHGLLDLRL	1.17	R&L (2D-GIST)
gij113424	FBgn0000055	1043.56	2085.11	2085.08	0.03	0	93	2.80E-08	1	K.LLAHPTQPSLACAENFVK.A	0.69	F&H (2D-GIST)
gij8282	FBgn0000055	694.03	2079.07	2079.05	0.03	0	58	0.0001	1	K.LLAHPTQPSLACAENFVK.A	0.68	F&H (2D-GIST)
gij8282	FBgn0000055	1060.56	2119.11	2119.09	0.02	0	96	1.50E-08	1	K.TVDVLINGAGILDDHQIER.T	1.39	F&H (2D-GIST)
gij113424	FBgn0000055	1043.56	2085.11	2085.08	0.02	0	96	1.40E-08	1	K.LLAHPTQPSLACAENFVK.A	1.15	R&H (2D-GIST)
gij113424	FBgn0000055	626.85	1251.68	1251.67	0.01	0	70	4.30E-06	1	R.IENPAAIAELK.A	0.79	R&L (2D-GIST)
gij8282	FBgn0000055	694.03	2079.06	2079.05	0.01	0	46	0.0016	1	K.LLAHPTQPSLACAENFVK.A	1.04	R&L (2D-GIST)
gij113424	FBgn0000055	646.35	1290.69	1290.68	0.01	0	53	0.00032	1	K.AAVVNFTSSLAK.L	1.06	R&L (2D-GIST)
gij217318	FBgn0000064	835.97	1669.92	1669.91	0.01	0	41	0.005	1	K.NTPPEIALATVQALR.R	0.86	F&H (2D-GIST)
gij217318	FBgn0000064	972.48	1942.95	1942.93	0.02	0	73	2.70E-06	1	K.YVAGSAGAGSGSLFVANHAY.-	1.06	F&H (2D-GIST)
gij217318	FBgn0000064	1217.63	2433.24	2433.21	0.03	0	46	0.0013	1	K.GVVPLFGSEDEVTTQGLDDLAAR.C	1.11	F&H (2D-GIST)
gij68194	FBgn0000064	968	1933.99	1933.99	0	0	57	0.00012	1	K.NTPSYQSILENANVLAR.Y	1.18	F&H (2D-GIST)
gij217318	FBgn0000064	1085.56	2169.11	2169.1	0.01	0	113	2.90E-10	1	R.IVPIVEVPLPDGDHDLDR.A	1.31	F&H (2D-GIST)

gij217318	FBgn0000064	1216.11	2430.21	2430.19	0.01	0	61	4.60E-05	1	K.GVVPLFGSEDEVTTQGLDDLAAR.C	0.80	R&L (2D-GIST)
gij217318	FBgn0000064	1085.57	2169.12	2169.1	0.02	0	108	8.70E-10	1	R.IVPIVEPEVLPGDGHDLDR.A	0.86	R&L (2D-GIST)
gij217318	FBgn0000064	966.5	1930.98	1930.97	0	0	63	3.30E-05	1	K.NTPSYQSILENANVLAR.Y	0.97	R&L (2D-GIST)
gij217318	FBgn0000064	970.97	1939.92	1939.91	0.01	0	81	3.70E-07	1	K.YVAGSAGAGSGSLFVANHAY.-	1.19	R&L (2D-GIST)
gij217318	FBgn0000064	834.46	1666.91	1666.89	0.02	0	46	0.0015	1	K.NTPPEIALATVQALR.R	1.33	R&L (2D-GIST)
gij68193	FBgn0000064	850.92	1699.82	1699.81	0.01	1	39	0.0061	1	K.RLQDIGVENTEDNR.R	0.71	F&H (2D-GIST)
gij217318	FBgn0000064	852.43	1702.84	1702.83	0.01	1	43	0.0022	1	K.RLQDIGVENTEDNR.R	0.91	F&H (2D-GIST)
gij217318	FBgn0000064	852.42	1702.83	1702.83	0	1	39	0.0052	1	R.LQDIGVENTEDNRR.A	1.14	F&H (2D-GIST)
gij17136288	FBgn0000084	643.43	1284.84	1284.83	0.01	1	42	0.0002	1	R.RLLTLIVTGVR.D	0.65	F&H (2D-GIST)
gij71777	FBgn0000084	664.84	1327.67	1327.67	0	0	42	0.0044	1	R.IMSHASFPQLR.L	0.87	F&H (2D-GIST)
gij71777	FBgn0000084	1125.02	2248.02	2248	0.01	0	61	1.80E-05	1	R.YQRPLAEQMCSETSGFFR.R	0.81	R&L (2D-GIST)
gij71777	FBgn0000084	664.84	1327.67	1327.67	0	0	41	0.005	1	R.IMSHASFPQLR.L	1.19	R&L (2D-GIST)
gij113987	FBgn0000100	1339.78	2677.54	2677.52	0.02	0	56	1.80E-05	1	R.APARPGAIAPLHVIIAQNNTGLGPEK.T	0.94	R&H (2D-GIST)
gij113987	FBgn0000100	891.51	2671.5	2671.48	0.02	0	40	0.0011	1	R.APARPGAIAPLHVIIAQNNTGLGPEK.T	1.13	R&L (2D-GIST)
gij113987	FBgn0000100	978.57	2932.7	2932.69	0.01	1	51	4.90E-05	1	K.VRAPARPGAIAPLHVIIAQNNTGLGPEK.T	1.02	F&H (2D-GIST)
gij1346366	FBgn0000116	1144.57	3430.69	3430.66	0.03	2	47	0.00075	1	K.KTDKHPASNFGDVSTFGNVDPNTNEYVISTR.V	1.11	F&H (2D-GIST)
gij24661348	FBgn0000116	893.47	1784.92	1784.91	0.01	0	57	0.00015	1	K.AVQQQLIDDHFLFK.E	0.89	F&H (2D-GIST)
gij24661348	FBgn0000116	678.38	1354.76	1354.75	0.01	1	66	1.60E-05	1	R.LVTAVNEIEKR.V	0.92	F&H (2D-GIST)
gij24661348	FBgn0000116	895.39	1788.77	1788.78	-0.01	0	62	7.30E-06	1	R.GEHTEAEGGVYDISNK.R	0.93	F&H (2D-GIST)
gij24661348	FBgn0000116	926.99	1851.97	1851.96	0.02	0	76	1.60E-06	1	R.LGFLFCPTNLGTTIR.A	1.06	F&H (2D-GIST)
gij24661348	FBgn0000116	702.37	1402.73	1402.72	0.01	0	59	8.10E-05	1	K.VSSTLSGLEGELK.G	1.07	F&H (2D-GIST)
gij24661348	FBgn0000116	607.82	1213.62	1213.62	0.01	0	37	0.01	1	R.MGLTEFEAVK.E	0.92	R&H (2D-GIST)
gij24661348	FBgn0000116	896.49	1790.96	1790.95	0.01	0	68	1.20E-05	1	K.AVQQQLIDDHFLFK.E	0.97	R&H (2D-GIST)
gij24661348	FBgn0000116	681.4	1360.79	1360.78	0.01	1	69	5.20E-06	1	R.LVTAVNEIEKR.V	1.00	R&H (2D-GIST)
gij24661348	FBgn0000116	599.28	1794.82	1794.82	0	0	28	0.031	1	R.GEHTEAEGGVYDISNK.R	1.00	R&H (2D-GIST)
gij24661348	FBgn0000116	898.42	1794.82	1794.82	0.01	0	64	9.70E-06	1	R.GEHTEAEGGVYDISNK.R	1.08	R&H (2D-GIST)
gij24661348	FBgn0000116	702.37	1402.73	1402.72	0.01	0	53	0.00038	1	K.VSSTLSGLEGELK.G	1.04	R&L (2D-GIST)
gij24661348	FBgn0000116	600.33	1198.65	1198.64	0.01	0	51	0.00059	1	R.LVTAVNEIEK.R	1.08	R&L (2D-GIST)
gij24661348	FBgn0000116	976.47	1950.92	1950.92	0	1	97	5.70E-09	1	R.GEHTEAEGGVYDISNK.R	1.08	F&H (2D-GIST)
gij24661348	FBgn0000116	649.3	1944.89	1944.88	0	1	40	0.0027	1	R.GEHTEAEGGVYDISNK.R	0.99	F&H (2D-GIST)
gij24661348	FBgn0000116	957.12	2868.35	2868.34	0.01	0	30	0.023	1	K.HPASNFGDVSTFGNVDPNTNEYVISTR.V	0.64	R&H (2D-GIST)
gij24661348	FBgn0000116	1435.19	2868.37	2868.34	0.03	0	46	0.0007	1	K.HPASNFGDVSTFGNVDPNTNEYVISTR.V	0.81	R&H (2D-GIST)
gij24661348	FBgn0000116	976.47	1950.93	1950.92	0.01	1	96	8.60E-09	1	R.GEHTEAEGGVYDISNK.R	1.12	R&H (2D-GIST)
gij24661348	FBgn0000116	875.9	1749.79	1749.79	0.01	0	58	2.90E-05	1	R.GEHTEAEGGVYDISNK.R	1.45	R&H (2D-GIST)
gij24661348	FBgn0000116	649.3	1944.89	1944.88	0.01	1	42	0.0019	1	R.GEHTEAEGGVYDISNK.R	1.13	R&L (2D-GIST)
gij24661348	FBgn0000116	880.91	1759.81	1759.8	0.01	0	71	2.30E-06	1	K.TFLVWCNEEDHLR.I	0.77	F&H (2D-GIST)
gij24661348	FBgn0000116	756.43	1510.84	1510.85	0	2	36	0.015	1	K.RLVTAVNEIEKR.V	0.92	F&H (2D-GIST)
gij24661348	FBgn0000116	880.91	1759.8	1759.8	0.01	0	66	7.60E-06	1	K.TFLVWCNEEDHLR.I	1.10	R&L (2D-GIST)
gij24661348	FBgn0000116	756.43	1510.85	1510.85	0	2	41	0.004	1	K.RLVTAVNEIEKR.V	1.25	R&L (2D-GIST)

gil1346366	FBgn0000116	882.42	1762.82	1762.82	0	0	50	0.0003	1	K.TFLVWCNEEDHLR.I	1.01	R&H (2D-GIST)
gil1346366	FBgn0000116	882.42	1762.82	1762.82	0	0	49	0.00035	1	K.TFLVWCNEEDHLR.I	0.74	R&H (2D-GIST)
gil114211	FBgn0000121	564.78	1127.54	1127.54	0	0	40	0.0027	1	R.EIYYHGK.T	0.68	F&H (2D-GIST)
gil114211	FBgn0000121	684.37	1366.73	1366.72	0.01	1	67	9.70E-06	1	R.KVFGQLATTYR.Y	0.68	F&H (2D-GIST)
gil114211	FBgn0000121	599.32	1196.62	1196.62	0.01	0	77	1.10E-06	1	K.VFGQLATTYR.Y	0.74	F&H (2D-GIST)
gil114211	FBgn0000121	599.32	1196.63	1196.62	0.01	0	46	0.0012	1	K.VFGQLATTYR.Y	1.13	R&L (2D-GIST)
gil114211	FBgn0000121	684.38	1366.74	1366.72	0.01	1	67	9.10E-06	1	R.KVFGQLATTYR.Y	1.19	R&L (2D-GIST)
gil114211	FBgn0000121	572.81	1143.61	1143.6	0	0	48	0.0016	1	R.HGIALDGHK.D	0.70	F&H (2D-GIST)
gil127980	FBgn0000150	780.39	1558.77	1558.77	0	0	45	0.0014	1	R.NIHGSDAVESA.E	0.68	R&H (2D-GIST)
gil127980	FBgn0000150	737.89	1473.77	1473.76	0.01	0	46	0.0019	1	R.TFIMVKPDGVQR.G	0.72	R&L (2D-GIST)
gil17985987	FBgn0000171	941.17	2820.49	2820.46	0.02	0	34	0.014	1	K.TAAFLVPILNQMYELGHVPPQSTR.Q	1.00	R&L (2D-GIST)
gil17985987	FBgn0000171	953.11	2856.32	2856.31	0.01	1	66	4.90E-06	1	K.KGADSLLEFLYQCNHPVTSIHGDR.T	0.81	F&H (2D-GIST)
gil17985987	FBgn0000171	955.13	2862.38	2862.35	0.02	1	61	2.30E-05	1	K.KGADSLLEFLYQCNHPVTSIHGDR.T	1.26	F&H (2D-GIST)
gil17985987	FBgn0000171	704.35	2110.02	2110.01	0.01	0	53	0.00021	1	K.HVINFDLPSDVEEYVHR.I	0.80	F&H (2D-GIST)
gil17985987	FBgn0000171	953.12	2856.33	2856.31	0.02	1	43	0.0012	1	K.KGADSLLEFLYQCNHPVTSIHGDR.T	1.23	R&L (2D-GIST)
gil103078	FBgn0000206	815.42	1628.82	1628.81	0.01	0	47	0.0014	1	K.VAHLHLQMPWGEK.I	0.77	F&H (2D-GIST)
gil283657	FBgn0000206	815.42	1628.83	1628.81	0.02	0	56	0.00019	1	K.VAHLHLQMPWGEK.I	0.89	R&L (2D-GIST)
gil103078	FBgn0000206	829.4	2485.17	2485.17	0.01	0	36	0.0099	1	R.HCSQDEVNHQSPSEIPTLPLR.G	1.21	F&H (2D-GIST)
gil18461323	FBgn0000239	916.96	1831.9	1831.9	0	1	55	0.00012	1	R.VVEPLCDFHKDEV.R.D	1.02	R&H (2D-GIST)
gil18461323	FBgn0000239	709.37	2125.1	2125.1	0	0	32	0.042	1	R.ALYPHQIIAVHVDNGFMR.K	0.71	R&H (2D-GIST)
gil24643292	FBgn0000257	894.49	1786.97	1786.97	0	0	65	1.80E-05	1	K.TILLHSGEQLYAE.LR.N	1.21	F&H (2D-GIST)
gil24643292	FBgn0000257	745.48	1488.94	1488.93	0.01	0	46	1.00E-04	1	R.LLALKPELHLPR.E	1.10	R&H (2D-GIST)
gil24643292	FBgn0000257	721.39	2161.14	2161.13	0.01	0	39	0.0067	1	K.ATSEHTAIAGLLHEQVNAVR.F	1.42	F&H (2D-GIST)
gil17981717	FBgn0000261	1144.56	2287.1	2287.09	0.01	0	100	5.70E-09	1	R.GPILLQDVNFLDEMESHFDR.E	1.18	F&H (2D-GIST)
gil17981717	FBgn0000261	723.05	2166.13	2166.12	0.01	0	60	4.40E-05	1	R.LVQNIAGHLSNASQFLQER.A	1.22	F&H (2D-GIST)
gil17981717	FBgn0000261	1084.06	2166.11	2166.12	-0.01	0	89	6.50E-08	1	R.LVQNIAGHLSNASQFLQER.A	1.25	F&H (2D-GIST)
gil17981717	FBgn0000261	1146.07	2290.13	2290.11	0.02	0	85	1.80E-07	1	R.GPILLQDVNFLDEMESHFDR.E	0.76	R&H (2D-GIST)
gil17981717	FBgn0000261	1085.59	2169.16	2169.14	0.02	0	58	8.50E-05	1	R.LVQNIAGHLSNASQFLQER.A	0.94	R&H (2D-GIST)
gil17981717	FBgn0000261	763.37	2287.1	2287.09	0.01	0	43	0.0026	1	R.GPILLQDVNFLDEMESHFDR.E	0.87	R&L (2D-GIST)
gil17981717	FBgn0000261	723.05	2166.13	2166.12	0.01	0	72	3.00E-06	1	R.LVQNIAGHLSNASQFLQER.A	1.04	R&L (2D-GIST)
gil17981717	FBgn0000261	668.83	1335.64	1335.64	0	0	52	0.00024	1	K.NFTQVHADDFGR.M	0.90	F&H (2D-GIST)
gil17981717	FBgn0000261	1084.07	2166.13	2166.12	0.01	0	75	1.70E-06	1	R.LVQNIAGHLSNASQFLQER.A	0.62	R&L (2D-GIST)
gil17981717	FBgn0000261	1144.56	2287.11	2287.09	0.02	0	111	4.70E-10	1	R.GPILLQDVNFLDEMESHFDR.E	0.85	R&L (2D-GIST)
gil17981717	FBgn0000261	1056.94	2111.86	2111.85	0.01	0	60	3.50E-06	1	R.GTPDGYCHMNGYGSHTFK.L	1.04	R&L (2D-GIST)
gil17981717	FBgn0000261	723.05	2166.13	2166.12	0.01	0	39	0.0064	1	R.LVQNIAGHLSNASQFLQER.A	1.14	R&L (2D-GIST)
gil17981717	FBgn0000261	667.32	1332.62	1332.62	0	0	48	0.00052	1	K.NFTQVHADDFGR.M	1.30	R&L (2D-GIST)
gil45552299	FBgn0000273	832.91	1663.8	1663.8	0	1	55	0.00011	1	R.RNPTNTAALDDFER.I	0.92	F&H (2D-GIST)
gil45552299	FBgn0000273	737.38	1472.74	1472.74	0	1	49	0.00089	1	K.VRFPESHFGSDLK.D	0.91	F&H (2D-GIST)
gil45552299	FBgn0000273	831.4	1660.79	1660.78	0	1	66	1.30E-05	1	R.RNPTNTAALDDFER.I	0.94	R&L (2D-GIST)

gij279511	FBgn000275	1034.05	2066.09	2066.09	0	0	46	0.0016	1	R.LGSSDYFGEIALLDRPR.A	0.79	F&H (2D-GIST)
gij279511	FBgn000275	737.87	1473.74	1473.73	0.01	0	56	0.00013	1	K.NVLF AHLDESER.S	1.03	F&H (2D-GIST)
gij84915	FBgn000303	533.31	1064.6	1064.6	0	0	65	1.00E-05	1	R.LLDGILSHR.E	1.10	F&H (2D-GIST)
gij84915	FBgn000303	759.42	1516.82	1516.82	0.01	0	34	0.023	1	R.LEWHVGPQLQR.F	1.07	R&L (2D-GIST)
gij84915	FBgn000303	533.31	1064.6	1064.6	0	0	63	1.70E-05	1	R.LLDGILSHR.E	1.16	R&L (2D-GIST)
gij84914	FBgn000313	710.7	2129.07	2129.05	0.02	0	30	0.049	1	K.ISGNHLTEIPDDAFTGLER.S	1.21	F&H (2D-GIST)
gij84914	FBgn000313	1065.54	2129.07	2129.05	0.02	0	71	4.20E-06	1	K.ISGNHLTEIPDDAFTGLER.S	1.29	F&H (2D-GIST)
gij84914	FBgn000313	859.43	1716.84	1716.83	0.01	0	39	0.005	1	K.MSHGYSGSALPAEPLR.H	0.91	F&H (2D-GIST)
gij17864142	FBgn000313	1326.2	2650.38	2650.36	0.02	0	108	1.00E-09	1	R.MLDLSNNDLTVPLMTQALPHLR.R	0.74	R&H (2D-GIST)
gij17864142	FBgn000313	1355.23	2708.44	2708.41	0.03	0	34	0.017	1	K.LNLDNLHLEYNHIEVLPNSFK.Y	0.82	R&H (2D-GIST)
gij17864142	FBgn000313	884.46	2650.37	2650.36	0.01	0	29	0.089	1	R.MLDLSNNDLTVPLMTQALPHLR.R	0.82	R&H (2D-GIST)
gij17864142	FBgn000313	859.43	1716.84	1716.83	0	0	49	0.00048	1	K.MSHGYSGSALPAEPLR.H	0.91	R&H (2D-GIST)
gij84914	FBgn000313	730.37	1458.73	1458.73	0	0	64	2.90E-05	1	R.TFFDGNPIHTLR.E	0.84	F&H (2D-GIST)
gij84914	FBgn000313	745.37	1488.73	1488.72	0	0	73	2.80E-06	1	K.VFMLHMENTGLR.E	0.84	F&H (2D-GIST)
gij84914	FBgn000313	590.33	1178.64	1178.64	0	0	73	2.10E-06	1	K.LAVLDLSHNR.D	0.98	F&H (2D-GIST)
gij17864142	FBgn000313	746.88	1491.75	1491.74	0.01	0	70	6.20E-06	1	K.VFMLHMENTGLR.E	0.78	R&H (2D-GIST)
gij17864142	FBgn000313	859.43	1716.84	1716.83	0.01	0	51	0.00033	1	K.MSHGYSGSALPAEPLR.H	0.86	R&H (2D-GIST)
gij17864142	FBgn000313	591.84	1181.66	1181.66	0.01	0	76	1.20E-06	1	K.LAVLDLSHNR.D	0.96	R&H (2D-GIST)
gij17864142	FBgn000313	731.88	1461.75	1461.74	0	0	59	7.20E-05	1	R.TFFDGNPIHTLR.E	0.98	R&H (2D-GIST)
gij84914	FBgn000313	1071.54	3211.59	3211.58	0.01	1	50	0.00054	1	K.RLDFSENGISSIENDAFHEIGHSLISL.K.M	0.95	F&H (2D-GIST)
gij17864142	FBgn000313	1071.54	3211.6	3211.58	0.02	1	56	0.00012	1	K.RLDFSENGISSIENDAFHEIGHSLISL.K.M	0.73	R&L (2D-GIST)
gij84914	FBgn000313	774.4	2320.17	2320.17	0.01	0	37	0.013	1	R.FNHLTSISQHTFFDLEALR.K	1.24	F&H (2D-GIST)
gij17864142	FBgn000313	688	2060.98	2060.98	0	0	42	0.0031	1	R.LHYFEYGCLDSLPHLR.S	0.92	F&H (2D-GIST)
gij84914	FBgn000313	1031.5	2060.98	2060.98	0	0	73	2.90E-06	1	R.LHYFEYGCLDSLPHLR.S	1.18	F&H (2D-GIST)
gij84914	FBgn000313	689.01	2064	2064	0.01	0	52	0.00034	1	R.LHYFEYGCLDSLPHLR.S	0.93	R&H (2D-GIST)
gij84914	FBgn000313	832.11	2493.3	2493.29	0.01	1	44	0.0021	1	R.FNHLTSISQHTFFDLEALR.K.L	0.98	R&H (2D-GIST)
gij84914	FBgn000313	773.39	2317.16	2317.15	0.01	0	46	0.0013	1	R.FNHLTSISQHTFFDLEALR.K	0.73	R&L (2D-GIST)
gij84914	FBgn000313	427.22	1278.65	1278.65	0	0	33	0.029	1	R.IVDFSHNHLR.G	0.81	R&L (2D-GIST)
gij84914	FBgn000313	640.33	1278.65	1278.65	0	0	52	0.00038	1	R.IVDFSHNHLR.G	0.85	R&L (2D-GIST)
gij84914	FBgn000313	1031.5	2060.99	2060.98	0.01	0	76	1.30E-06	1	R.LHYFEYGCLDSLPHLR.S	0.87	R&L (2D-GIST)
gij84914	FBgn000313	1071.54	3211.59	3211.58	0.02	1	58	8.50E-05	1	K.RLDFSENGISSIENDAFHEIGHSLISL.K.M	0.94	R&L (2D-GIST)
gij84914	FBgn000313	750.04	2247.1	2247.1	0	0	38	0.0081	1	R.HLDLGYNHITHIQHDSFR.G	0.70	R&H (2D-GIST)
gij84914	FBgn000313	774.4	2320.17	2320.17	0	0	42	0.0037	1	R.FNHLTSISQHTFFDLEALR.K	1.01	R&H (2D-GIST)
gij4555333	FBgn000319	908.94	1815.86	1815.86	0	0	87	1.10E-07	1	R.VHEGCVEPATHNALAK.I	0.90	F&H (2D-GIST)
gij4555333	FBgn000319	715.87	1429.73	1429.72	0.01	0	68	1.10E-05	1	K.IILDSSVFSHDR.N	0.92	F&H (2D-GIST)
gij4555333	FBgn000319	1185.64	2369.26	2369.24	0.02	0	63	2.80E-05	1	R.ISADTIFVTAPHEASGGIIVNR.K	0.72	R&H (2D-GIST)
gij4555333	FBgn000319	911.96	1821.9	1821.89	0.01	0	53	0.00028	1	R.VHEGCVEPATHNALAK.I	1.07	R&H (2D-GIST)
gij4555333	FBgn000319	803.9	1605.78	1605.78	0	0	63	2.20E-05	1	R.HSSLNGCQIINYR.C	1.24	F&H (2D-GIST)
gij356770	FBgn000409	675.91	1349.81	1349.8	0	1	30	0.028	1	K.VGPNLHGLIGRK.T	2.50	F&H (2D-GIST)

gij356770	FBgn0000409	587.84	1173.66	1173.66	0	0	79	5.50E-07	1	K.VGPNLHGLIGR.K	0.97	F&H (2D-GIST)
gij356770	FBgn0000409	587.84	1173.66	1173.66	0	0	77	9.20E-07	1	K.VGPNLHGLIGR.K	1.87	R&L (2D-GIST)
gij356770	FBgn0000409	587.84	1173.66	1173.66	0	0	71	3.30E-06	1	K.VGPNLHGLIGR.K	2.50	R&L (2D-GIST)
gij24652838	FBgn0000556	1002.56	2003.11	2003.09	0.02	0	76	6.40E-07	1	K.TLIDALDAILPPARPTDK.A	0.79	F&H (2D-GIST)
gij24652838	FBgn0000556	668.71	2003.11	2003.09	0.02	0	36	0.0067	1	K.TLIDALDAILPPARPTDK.A	0.82	F&H (2D-GIST)
gij24652838	FBgn0000556	1002.56	2003.11	2003.09	0.02	0	82	1.70E-07	1	K.TLIDALDAILPPARPTDK.A	0.95	R&L (2D-GIST)
gij24652838	FBgn0000556	668.71	2003.11	2003.09	0.02	0	37	0.0054	1	K.TLIDALDAILPPARPTDK.A	1.03	R&L (2D-GIST)
gij24652838	FBgn0000556	1317.32	3948.94	3948.95	-0.01	0	89	3.90E-08	1	K.GAADFTAQVIVLNHPGQIANGYTPVLDCHTAHIACK.F	0.84	F&H (2D-GIST)
gij84947	FBgn0000559	569.31	1136.6	1136.59	0.01	0	50	0.00052	1	M.VNFTVDEIR.G	0.89	R&H (2D-GIST)
gij84947	FBgn0000559	696.34	1390.67	1390.67	0	0	55	0.00017	1	R.NMSVIAHVVDHGK.S	0.61	F&H (2D-GIST)
gij84947	FBgn0000559	691.86	1381.7	1381.7	0	0	60	5.70E-05	1	K.DLVFITHPDQR.E	0.84	F&H (2D-GIST)
gij84947	FBgn0000559	693.37	1384.73	1384.72	0.01	0	44	0.0022	1	K.DLVFITHPDQR.E	0.95	R&H (2D-GIST)
gij84947	FBgn0000559	699.36	1396.71	1396.7	0	0	63	2.70E-05	1	R.NMSVIAHVVDHGK.S	1.11	R&H (2D-GIST)
gij84947	FBgn0000559	691.86	1381.7	1381.7	0	0	53	0.0003	1	K.DLVFITHPDQR.E	0.81	F&H (2D-GIST)
gij84947	FBgn0000559	693.37	1384.72	1384.72	0	0	59	7.40E-05	1	K.DLVFITHPDQR.E	0.99	R&H (2D-GIST)
gij84947	FBgn0000559	699.36	1396.71	1396.7	0	0	65	1.60E-05	1	R.NMSVIAHVVDHGK.S	1.05	R&H (2D-GIST)
gij21392248	FBgn0000579	674.39	1346.77	1346.76	0.01	0	84	2.50E-07	1	K.EALNLISDAIAK.A	0.93	F&H (2D-GIST)
gij21392248	FBgn0000579	975.04	1948.07	1948.06	0.01	0	61	2.50E-05	1	K.VNIGITVTESIAAHLAK.K	0.95	F&H (2D-GIST)
gij21392248	FBgn0000579	903.97	1805.93	1805.93	0.01	0	99	7.90E-09	1	R.AAVPSGASTGVHEALELR.D	1.07	F&H (2D-GIST)
gij21392248	FBgn0000579	671.37	1340.73	1340.72	0.01	0	85	2.30E-07	1	K.EALNLISDAIAK.A	1.15	R&L (2D-GIST)
gij21392248	FBgn0000579	823.95	1645.88	1645.87	0.01	0	47	0.0016	1	K.AVGHVNDTLGPELIK.A	1.24	R&L (2D-GIST)
gij21392248	FBgn0000579	975.05	1948.08	1948.06	0.02	0	70	2.90E-06	1	K.VNIGITVTESIAAHLAK.K	1.30	R&L (2D-GIST)
gij119351	FBgn0000579	903.97	1805.92	1805.93	0	0	112	4.60E-10	1	R.AAVPSGASTGVHEALELR.D	0.98	F&H (2D-GIST)
gij119351	FBgn0000579	905.48	1808.95	1808.95	0	0	107	1.20E-09	1	R.AAVPSGASTGVHEALELR.D	1.01	R&H (2D-GIST)
gij21392248	FBgn0000579	642.81	1283.6	1283.6	0	0	66	7.70E-06	1	K.MGSEVYHHLK.N	0.87	F&H (2D-GIST)
gij21392248	FBgn0000579	678.83	1355.64	1355.64	0	1	28	0.054	1	K.KNGWGTMVSHR.S	1.21	F&H (2D-GIST)
gij119351	FBgn0000579	642.81	1283.6	1283.6	0	0	61	2.10E-05	1	K.MGSEVYHHLK.N	1.36	R&L (2D-GIST)
gij103175	FBgn0000639	903.48	2707.4	2707.4	0.01	0	49	0.00084	1	R.LNQESIAQQQLIEEQQLINNPR.L	3.45	R&H (2D-GIST)
gij24664085	FBgn0000639	794.4	1586.79	1586.78	0.01	0	33	0.034	1	R.AMNPVMSILMPWRE	singleton L	R&L (2D-GIST)
gij24664085	FBgn0000639	1033.07	2064.14	2064.13	0	0	62	1.90E-05	1	R.IQEVIGQVLNQVNVNSLR.G	singleton L	R&L (2D-GIST)
gij103175	FBgn0000639	583.35	1164.69	1164.68	0	0	56	0.00011	1	R.FPQHLLLP.R.G	3.35	F&H (2D-GIST)
gij103175	FBgn0000639	619.87	1237.72	1237.72	0	0	60	3.90E-05	1	R.LSEIVLHNL.R.Q	3.37	F&H (2D-GIST)
gij24664085	FBgn0000639	628.83	1255.64	1255.64	0	0	36	0.012	1	K.VMHNVIDLDR.Q	36.74	F&H (2D-GIST)
gij103175	FBgn0000639	581.84	1161.67	1161.67	0	0	42	0.0014	1	R.FPQHLLLP.R.G	4.23	R&L (2D-GIST)
gij103175	FBgn0000639	618.36	1234.71	1234.7	0	0	60	2.50E-05	1	R.LSEIVLHNL.R.Q	5.03	R&L (2D-GIST)
gij24664085	FBgn0000639	627.32	1252.62	1252.62	0	0	35	0.016	1	K.VMHNVIDLDR.Q	singleton L	R&L (2D-GIST)
gij24664085	FBgn0000639	839.93	1677.85	1677.84	0	0	54	0.00029	1	R.IGGAHNLPVSVNSDR.L	singleton L	R&L (2D-GIST)
gij103175	FBgn0000639	1102.58	3304.73	3304.71	0.02	1	118	5.70E-11	1	R.TRIEEHELDLSNLVEQQVQGIQEIIVGR.Q	3.83	F&H (2D-GIST)
gij103175	FBgn0000639	618.36	1234.71	1234.7	0	0	63	1.20E-05	1	R.LSEIVLHNL.R.Q	singleton L	R&L (2D-GIST)

gij24664085	FBgn0000639	760.99	2279.94	2279.94	0.01	0	73	1.70E-07	1	K.HQNDDDDDDVNDVVNVVHR.Q	44.29	F&H (2D-GIST)
gij103175	FBgn0000639	1101.58	3301.7	3301.69	0.01	1	131	2.50E-12	1	R.TRIEEHLDLSNLVEQQVQGIQVEIVGR.Q	4.55	R&L (2D-GIST)
gij24664085	FBgn0000639	780.04	2337.11	2337.1	0.01	1	63	2.30E-05	1	R.RLNQDNQDIQQQMHPFR.R	singleton L	R&L (2D-GIST)
gij8186	FBgn0000667	630.86	1259.7	1259.7	0	0	29	0.072	1	R.LASDLLEWIR.R	0.55	F&H (2D-GIST)
gij8186	FBgn0000667	746.85	1491.69	1491.68	0.01	0	65	1.00E-05	1	K.AGTAIDNIEEDFR.N	0.68	F&H (2D-GIST)
gij8186	FBgn0000667	630.86	1259.7	1259.7	0	0	37	0.014	1	R.LASDLLEWIR.R	1.02	R&H (2D-GIST)
gij8186	FBgn0000667	600.34	1198.66	1198.65	0.01	0	30	0.056	1	K.ANIVGPWIER.Q	1.04	R&H (2D-GIST)
gij8186	FBgn0000667	746.85	1491.69	1491.68	0.01	0	61	2.60E-05	1	K.AGTAIDNIEEDFR.N	0.87	R&L (2D-GIST)
gij8186	FBgn0000667	872.44	1742.86	1742.84	0.02	0	81	4.50E-07	1	K.IHQAVQESMIFENR.Y	0.81	F&H (2D-GIST)
gij13124689	FBgn0000667	1444.74	2887.46	2887.42	0.04	0	53	0.00027	1	R.VEQIAAIAQELNTLEYHDCVSVNAR.C	1.52	R&H (2D-GIST)
gij13124689	FBgn0000667	962.48	2884.41	2884.4	0.01	0	73	2.40E-06	1	R.VEQIAAIAQELNTLEYHDCVSVNAR.C	0.73	R&L (2D-GIST)
gij8186	FBgn0000667	659.36	1316.7	1316.7	0	0	49	0.00085	1	R.HRPDLIDYAK.L	1.02	F&H (2D-GIST)
gij13124689	FBgn0000667	872.43	1742.85	1742.84	0	0	83	3.00E-07	1	K.IHQAVQESMIFENR.Y	0.90	R&L (2D-GIST)
gij13124689	FBgn0000667	656.34	1310.67	1310.66	0	0	48	0.00077	1	R.HRPDLIDYAK.L	0.94	R&L (2D-GIST)
gij13124689	FBgn0000667	657.84	1313.66	1313.65	0.01	0	37	0.013	1	K.DGLAFCALIHR.H	1.61	R&L (2D-GIST)
gij1070611	FBgn0000667	673.01	2016	2016	0	2	58	9.50E-05	1	K.KKHEAFESDLAAHQDR.V	0.83	F&H (2D-GIST)
gij1070611	FBgn0000667	556.59	1666.74	1666.73	0	0	65	5.80E-06	1	K.HEAFESDLAAHQDR.V	0.74	F&H (2D-GIST)
gij13124689	FBgn0000667	919.42	1836.83	1836.84	0	1	66	7.20E-06	1	K.KHEAFESDLAAHQDR.V	0.99	F&H (2D-GIST)
gij13124689	FBgn0000667	615.3	1842.88	1842.88	0	1	43	0.0021	1	K.KHEAFESDLAAHQDR.V	0.88	R&H (2D-GIST)
gij1346761	FBgn0000711	855.4	1708.79	1708.78	0	0	49	0.00044	1	R.AHQVVEDGYEFFAR.R	0.60	F&H (2D-GIST)
gij1346761	FBgn0000711	951.97	1901.93	1901.91	0.02	0	30	0.05	1	K.YLYSGMNSSRPTTPQR.S	1.23	R&H (2D-GIST)
gij1346761	FBgn0000711	855.41	1708.8	1708.78	0.02	0	48	0.00064	1	R.AHQVVEDGYEFFAR.R	0.87	R&L (2D-GIST)
gij1854503	FBgn0001098	896.49	1790.96	1790.95	0.01	0	103	3.70E-09	1	K.TFIVQGGFNGVGLHTTR.Y	1.00	F&H (2D-GIST)
gij1854503	FBgn0001098	959.99	1917.97	1917.96	0	0	62	3.90E-05	1	R.ESNYHLLASVQQSIER.I	1.49	F&H (2D-GIST)
gij542577	FBgn0001098	789.37	1576.72	1576.72	0	0	44	0.0012	1	K.DIVHSGLDYTMER.S	0.77	F&H (2D-GIST)
gij542577	FBgn0001098	987.97	1973.92	1973.93	-0.01	0	76	1.00E-06	1	R.ESNYHLLSVQESLER.R	1.30	F&H (2D-GIST)
gij542577	FBgn0001098	989.49	1976.97	1976.95	0.02	0	78	7.70E-07	1	R.ESNYHLLSVQESLER.R	0.98	R&H (2D-GIST)
gij542577	FBgn0001098	790.88	1579.74	1579.74	0.01	0	55	0.0001	1	K.DIVHSGLDYTMER.S	1.11	R&H (2D-GIST)
gij45549226	FBgn0001098	894.98	1787.95	1787.93	0.02	0	93	2.80E-08	1	K.TFIVQGGFNGVGLHTTR.Y	0.87	F&H (2D-GIST)
gij1854503	FBgn0001098	894.98	1787.94	1787.93	0.01	0	103	3.20E-09	1	K.TFIVQGGFNGVGLHTTR.Y	0.97	R&L (2D-GIST)
gij542577	FBgn0001098	987.98	1973.94	1973.93	0.01	0	76	1.40E-06	1	R.ESNYHLLSVQESLER.R	1.12	R&L (2D-GIST)
gij1854503	FBgn0001098	958.48	1914.95	1914.94	0.01	0	83	2.80E-07	1	R.ESNYHLLASVQQSIER.I	1.40	R&L (2D-GIST)
gij45555444	FBgn0001105	702.38	1402.75	1402.74	0.01	0	39	0.011	1	K.LIVWDSHTTNK.V	1.39	F&H (2D-GIST)
gij45555444	FBgn0001105	702.38	1402.74	1402.74	0.01	0	40	0.007	1	K.LIVWDSHTTNK.V	1.28	R&H (2D-GIST)
gij45555444	FBgn0001105	774.34	1546.67	1546.67	0	0	47	0.00031	1	R.ELPGHGGYLSCCR.F	0.88	F&H (2D-GIST)
gij45555444	FBgn0001105	696.31	1390.61	1390.61	0	0	34	0.0073	1	K.IYAMHWGNDSR.N	0.99	F&H (2D-GIST)
gij45555444	FBgn0001105	696.31	1390.61	1390.61	0	0	30	0.021	1	K.IYAMHWGNDSR.N	1.42	R&L (2D-GIST)
gij45555444	FBgn0001105	696.31	1390.61	1390.61	0	0	47	0.0004	1	K.IYAMHWGNDSR.N	1.44	R&L (2D-GIST)
gij2146901	FBgn0001114	1053.49	2104.96	2104.94	0.02	1	35	0.0076	1	R.NFSEEDREQQQEQQLR.R	0.62	F&H (2D-GIST)

gij2146901	FBgn0001114	1341.56	2681.11	2681.1	0.01	1	42	0.00016	1	R.DQVEQEREQPEDDQGEYER.L	0.83	R&H (2D-GIST)
gij2146901	FBgn0001114	893.71	2678.09	2678.09	0.01	1	28	0.005	1	R.DQVEQEREQPEDDQGEYER.L	0.63	R&L (2D-GIST)
gij2146901	FBgn0001114	792.46	1582.9	1582.89	0	0	45	0.0014	1	K.TIANRPVNAFLGIR.Y	0.78	F&H (2D-GIST)
gij2146901	FBgn0001114	1029.49	2056.96	2056.95	0.01	2	94	1.60E-08	1	K.LREEQEEQEKLEER.Y	0.87	R&L (2D-GIST)
gij2146901	FBgn0001114	792.46	1582.9	1582.89	0.01	0	50	0.00036	1	K.TIANRPVNAFLGIR.Y	1.12	R&L (2D-GIST)
gij17861668	FBgn0001125	885.92	1769.82	1769.8	0.02	0	46	0.0006	1	R.AGFTVLCSDEEEAAR.V	0.96	R&H (2D-GIST)
gij17861668	FBgn0001125	777.41	1552.8	1552.8	0	0	74	2.50E-06	1	K.HNVTAQSIGTGALR.I	0.86	F&H (2D-GIST)
gij17861668	FBgn0001125	777.41	1552.8	1552.8	0	0	66	1.60E-05	1	K.HNVTAQSIGTGALR.I	1.29	R&L (2D-GIST)
gij17861668	FBgn0001125	886.12	2655.34	2655.32	0.01	0	51	0.00048	1	K.SIVLLHACAHNPTGVDPTLEQWR.E	0.64	F&H (2D-GIST)
gij24580972	FBgn0001125	886.12	2655.33	2655.32	0.01	0	58	9.70E-05	1	K.SIVLLHACAHNPTGVDPTLEQWR.E	0.97	R&L (2D-GIST)
gij103185	FBgn0001128	902.01	1802	1801.98	0.02	1	58	8.00E-05	1	K.KLTEIINETHENVK.Y	0.87	R&H (2D-GIST)
gij103185	FBgn0001128	876	1749.99	1749.97	0.02	1	31	0.028	1	K.GLEDKFPFLTAIHK.I	1.05	R&H (2D-GIST)
gij103185	FBgn0001128	798.94	1595.87	1595.87	0	0	88	9.10E-08	1	K.AEGGGIDLISHIITR.H	0.79	F&H (2D-GIST)
gij103185	FBgn0001128	798.95	1595.88	1595.87	0	0	85	1.50E-07	1	K.AEGGGIDLISHIITR.H	0.89	R&H (2D-GIST)
gij217336	FBgn0001128	596.8	1191.59	1191.59	0	0	51	0.00032	1	R.DLFQANHFR.V	0.82	F&H (2D-GIST)
gij103185	FBgn0001128	797.44	1592.86	1592.85	0.01	0	83	2.80E-07	1	K.AEGGGIDLISHIITR.H	0.86	R&L (2D-GIST)
gij217336	FBgn0001128	596.8	1191.59	1191.59	0	0	55	0.00015	1	R.DLFQANHFR.V	1.06	R&H (2D-GIST)
gij24641292	FBgn0001145	875.42	1748.82	1748.82	0	0	111	1.90E-10	1	K.HETSSINDFSAGVANR.G	0.89	F&H (2D-GIST)
gij24641292	FBgn0001145	1004.51	2007	2006.99	0.01	0	44	0.0022	1	R.RPSSNCDPYSVVEAILR.T	1.02	F&H (2D-GIST)
gij16768060	FBgn0001145	669	2003.98	2003.97	0.01	0	52	0.0004	1	R.RPSSNCDPYSVVEAILR.T	0.84	F&H (2D-GIST)
gij16768060	FBgn0001145	582.94	1745.8	1745.8	0	0	36	0.0082	1	K.HETSSINDFSAGVANR.G	0.93	F&H (2D-GIST)
gij24641292	FBgn0001145	1004.51	2007.01	2006.99	0.01	0	40	0.0058	1	R.RPSSNCDPYSVVEAILR.T	0.91	R&H (2D-GIST)
gij24641292	FBgn0001145	875.42	1748.82	1748.82	0.01	0	95	9.00E-09	1	K.HETSSINDFSAGVANR.G	0.94	R&H (2D-GIST)
gij68585	FBgn0001145	583.95	1748.82	1748.82	0	0	37	0.0048	1	K.HETSSINDFSAGVANR.G	1.07	R&H (2D-GIST)
gij68585	FBgn0001145	875.42	1748.82	1748.82	0	0	98	4.10E-09	1	K.HETSSINDFSAGVANR.G	1.00	R&H (2D-GIST)
gij24641292	FBgn0001145	670.01	2007.01	2006.99	0.02	0	51	0.00052	1	R.RPSSNCDPYSVVEAILR.T	1.14	R&H (2D-GIST)
gij24641292	FBgn0001145	1003	2003.99	2003.97	0.01	0	51	0.00054	1	R.RPSSNCDPYSVVEAILR.T	0.87	R&L (2D-GIST)
gij24641292	FBgn0001145	515.75	1029.49	1029.49	0	0	35	0.014	1	R.DIVDAHFR.A	0.87	R&L (2D-GIST)
gij68585	FBgn0001145	582.94	1745.8	1745.8	0	0	34	0.013	1	K.HETSSINDFSAGVANR.G	1.13	R&L (2D-GIST)
gij103300	FBgn0001208	675.66	2023.97	2023.97	0	0	31	0.034	1	R.EYNHVFPLLDVNCGFR.E	0.63	F&H (2D-GIST)
gij1483314	FBgn0001208	1011.48	2020.95	2020.95	0.01	0	62	2.40E-05	1	R.EYNHVFPLLDVNCGFR.E	1.05	F&H (2D-GIST)
gij103300	FBgn0001208	1013	2023.98	2023.97	0.01	0	39	0.0063	1	R.EYNHVFPLLDVNCGFR.E	0.89	R&H (2D-GIST)
gij103300	FBgn0001208	1013	2023.98	2023.97	0.01	0	68	7.50E-06	1	R.EYNHVFPLLDVNCGFR.E	0.80	R&H (2D-GIST)
gij103300	FBgn0001208	1265.62	3793.83	3793.82	0.01	1	32	0.018	1	R.EYNHVFPLLDVNCGFREDNIPQLEDVSNFLR.D	1.29	F&H (2D-GIST)
gij1483314	FBgn0001208	517.62	1549.85	1549.85	0	1	48	0.0011	1	K.KHDINLVHIESR.S	0.84	F&H (2D-GIST)
gij1483314	FBgn0001208	687.86	1373.7	1373.71	0	0	77	1.60E-06	1	K.HDINLVHIESR.S	0.89	F&H (2D-GIST)
gij1483314	FBgn0001208	458.91	1373.71	1373.71	0	0	55	0.00024	1	K.HDINLVHIESR.S	0.90	F&H (2D-GIST)
gij1483314	FBgn0001208	772.91	1543.81	1543.81	0	1	40	0.0075	1	K.KHDINLVHIESR.S	0.92	F&H (2D-GIST)
gij1483314	FBgn0001208	775.93	1549.85	1549.85	0	1	57	0.00013	1	K.KHDINLVHIESR.S	1.13	R&H (2D-GIST)

gil283667	FBgn0001215	881.97	1761.93	1761.93	0	0	30	0.067	1	K.VFLGGLPSNVTTETDLR.T	0.96	R&H (2D-GIST)
gil283667	FBgn0001215	1173.05	2344.09	2344.07	0.03	0	103	1.30E-09	1	R.GFGFLSFEEESSVEHVTNER.Y	1.14	F&H (2D-GIST)
gil133253	FBgn0001215	967.01	1932.01	1931.99	0.02	1	62	3.80E-05	1	K.LFVGALKDDHDEQSR.D	1.02	R&H (2D-GIST)
gil283667	FBgn0001215	985.82	2954.45	2954.45	0	0	42	0.0027	1	R.GFGFVTFADPTNVNHLVQNGPHTLDGR.T	0.95	F&H (2D-GIST)
gil283667	FBgn0001215	985.82	2954.44	2954.45	-0.01	0	40	0.0036	1	R.GFGFVTFADPTNVNHLVQNGPHTLDGR.T	0.92	R&H (2D-GIST)
gil266310	FBgn0001218	645.01	1932.01	1931.99	0.01	0	38	0.0094	1	K.VTHAVVTVPAYFNDAQR.Q	0.88	F&H (2D-GIST)
gil266310	FBgn0001218	1053.57	2105.14	2105.12	0.02	1	61	4.10E-05	1	K.KVTHAVVTVPAYFNDAQR.Q	0.92	F&H (2D-GIST)
gil266310	FBgn0001218	787.91	1573.81	1573.81	0.01	0	64	2.70E-05	1	K.VFAPEEISAMVLGK.M	1.03	F&H (2D-GIST)
gil266310	FBgn0001218	635.82	1269.63	1269.63	0	0	35	0.02	1	R.VEIIANDQGNR.I	1.09	F&H (2D-GIST)
gil266310	FBgn0001218	965.5	1928.99	1928.97	0.01	0	46	0.0017	1	K.VTHAVVTVPAYFNDAQR.Q	1.24	F&H (2D-GIST)
gil266310	FBgn0001218	786.4	1570.78	1570.77	0.01	0	33	0.025	1	R.ITPSYVAFTADGER.L	1.49	R&H (2D-GIST)
gil24641408	FBgn0001218	787.91	1573.81	1573.81	0.01	0	53	0.00036	1	K.VFAPEEISAMVLGK.M	2.02	R&L (2D-GIST)
gil266310	FBgn0001218	712.38	1422.75	1422.75	0	0	72	3.60E-06	1	K.DVHEIVLVGGSTR.I	1.16	F&H (2D-GIST)
gil266310	FBgn0001218	967.01	1932	1931.99	0.01	0	39	0.0079	1	K.VTHAVVTVPAYFNDAQR.Q	0.91	R&H (2D-GIST)
gil266310	FBgn0001218	713.89	1425.77	1425.77	0.01	0	49	0.00066	1	K.DVHEIVLVGGSTR.I	1.18	R&H (2D-GIST)
gil266310	FBgn0001218	1053.57	2105.13	2105.12	0.01	1	55	0.00018	1	K.KVTHAVVTVPAYFNDAQR.Q	1.21	R&H (2D-GIST)
gil266310	FBgn0001218	700.7	2099.09	2099.08	0.01	1	45	0.0022	1	K.KVTHAVVTVPAYFNDAQR.Q	1.04	R&L (2D-GIST)
gil266310	FBgn0001218	644	1928.98	1928.97	0.01	0	47	0.0014	1	K.VTHAVVTVPAYFNDAQR.Q	1.23	R&L (2D-GIST)
gil103190	FBgn0001219	703.01	2106.01	2105.99	0.02	1	35	0.011	1	K.WLDANQLADKEEYHR.Q	0.93	F&H (2D-GIST)
gil103190	FBgn0001219	666.36	1330.7	1330.69	0.01	0	45	0.0023	1	R.LVTHFVQEFK.R	0.85	F&H (2D-GIST)
gil103190	FBgn0001219	1051	2099.98	2099.95	0.03	1	107	8.30E-10	1	K.WLDANQLADKEEYHR.Q	0.89	F&H (2D-GIST)
gil103190	FBgn0001219	765.36	1528.71	1528.7	0	0	44	0.0013	1	R.TTPSYVAFTDTER.L	1.08	F&H (2D-GIST)
gil103190	FBgn0001219	1019.52	2037.02	2037.02	0	0	43	0.0026	1	K.TVTNAVITVPAYFNDSQR.Q	0.87	R&L (2D-GIST)
gil103190	FBgn0001219	666.36	1330.7	1330.69	0.01	0	44	0.0031	1	R.LVTHFVQEFK.R	1.39	R&L (2D-GIST)
gil103190	FBgn0001219	861.93	1721.85	1721.84	0.01	0	30	0.068	1	K.HWPFEVVSADGKPK.I	1.44	R&L (2D-GIST)
gil103190	FBgn0001219	868.88	1735.75	1735.75	0	0	64	3.90E-06	1	K.STAGDTHLGGEDFDNRL	0.97	F&H (2D-GIST)
gil103190	FBgn0001219	747.92	1493.83	1493.82	0.01	0	87	1.10E-07	1	K.SVIHDIVLVGGSTR.I	0.84	F&H (2D-GIST)
gil38047539	FBgn0001219	703.01	2106	2105.99	0.01	1	29	0.048	1	K.WLDANQLADKEEYHR.Q	1.03	R&H (2D-GIST)
gil103190	FBgn0001219	749.43	1496.84	1496.84	0	0	73	2.70E-06	1	K.SVIHDIVLVGGSTR.I	1.08	R&H (2D-GIST)
gil103190	FBgn0001219	1054.01	2106.01	2105.99	0.02	1	94	1.70E-08	1	K.WLDANQLADKEEYHR.Q	1.09	R&H (2D-GIST)
gil103190	FBgn0001219	868.88	1735.76	1735.75	0.01	0	46	0.00028	1	K.STAGDTHLGGEDFDNRL	1.11	R&H (2D-GIST)
gil103190	FBgn0001219	747.42	1492.83	1492.83	0	1	32	0.04	1	R.LVTHFVQEFK.R	1.53	F&H (2D-GIST)
gil103190	FBgn0001219	508.26	1521.76	1521.76	0	1	44	0.002	1	R.ARFEELNADLFR.S	0.70	F&H (2D-GIST)
gil103190	FBgn0001219	761.89	1521.76	1521.76	0	1	55	0.00018	1	R.ARFEELNADLFR.S	0.89	F&H (2D-GIST)
gil103190	FBgn0001219	763.4	1524.78	1524.78	0	1	47	0.0011	1	R.ARFEELNADLFR.S	0.99	R&H (2D-GIST)
gil103190	FBgn0001219	749.43	1496.84	1496.84	0.01	0	70	5.40E-06	1	K.SVIHDIVLVGGSTR.I	1.11	R&H (2D-GIST)
gil103190	FBgn0001219	761.89	1521.76	1521.76	0	1	39	0.0064	1	R.ARFEELNADLFR.S	1.07	R&L (2D-GIST)
gil17737553	FBgn0001224	864.5	1726.98	1726.97	0.01	0	54	0.0001	1	R.IVQIQVGPAPHLNVK.E	1.08	R&L (2D-GIST)
gil17737553	FBgn0001224	883.92	1765.83	1765.82	0.01	0	98	6.10E-09	1	K.VQDNSVLVEGNHEER.E	0.83	F&H (2D-GIST)

gij17737553	FBgn0001224	885.43	1768.85	1768.84	0.01	0	62	2.30E-05	1	K.VQDNSVLVEGNHEER.E	0.85	R&H (2D-GIST)
gij171489	FBgn0001224	567.77	1133.53	1133.52	0.01	0	34	0.0074	1	R.EDDHGFITR.H	0.99	R&H (2D-GIST)
gij17647519	FBgn0001225	765.38	1528.75	1528.74	0.01	0	31	0.052	1	R.NDIHWPATAHVVGK.D	0.94	F&H (2D-GIST)
gij17647519	FBgn0001225	573.31	1716.9	1716.89	0.01	0	73	3.40E-06	1	R.SPIYELGLGLHPHSR.Y	0.92	F&H (2D-GIST)
gij17647519	FBgn0001225	573.31	1716.9	1716.89	0	0	67	1.20E-05	1	R.SPIYELGLGLHPHSR.Y	0.88	R&L (2D-GIST)
gij171491	FBgn0001226	684.43	1366.85	1366.85	0	1	37	0.0022	1	R.RLLLPNTLGLGR.R	0.78	F&H (2D-GIST)
gij17647521	FBgn0001226	955.12	2862.33	2862.33	0	0	64	7.90E-06	1	R.TDWGHLLLEDDFGFGVHAHDLFHPR.R	0.44	R&H (2D-GIST)
gij17647529	FBgn0001233	910	1818	1817.97	0.02	0	63	2.70E-05	1	K.QLEINPDHPIVETLR.Q	0.67	F&H (2D-GIST)
gij17647529	FBgn0001233	635.83	1269.66	1269.65	0	0	35	0.016	1	K.HVYFITGESK.D	0.94	F&H (2D-GIST)
gij17647529	FBgn0001233	1088.97	2175.94	2175.92	0.02	0	125	3.50E-12	1	R.FHTSASGDDFCSLADYVSR.M	0.94	F&H (2D-GIST)
gij17647529	FBgn0001233	632.82	1263.62	1263.61	0.01	0	33	0.026	1	K.HVYFITGESK.D	0.87	R&L (2D-GIST)
gij17647529	FBgn0001233	739.87	1477.73	1477.72	0.01	1	47	0.0013	1	R.RTPFDLFENQK.K	1.01	R&L (2D-GIST)
gij17647529	FBgn0001233	1090.49	2178.96	2178.94	0.03	0	88	1.80E-08	1	R.FHTSASGDDFCSLADYVSR.M	1.15	F&H (2D-GIST)
gij17647529	FBgn0001233	1090.48	2178.94	2178.94	0.01	0	88	9.90E-09	1	R.FHTSASGDDFCSLADYVSR.M	0.78	R&H (2D-GIST)
gij17647529	FBgn0001233	910	1817.98	1817.97	0.01	0	81	5.00E-07	1	K.QLEINPDHPIVETLR.Q	0.80	R&H (2D-GIST)
gij17647529	FBgn0001233	996.56	1991.1	1991.1	0	1	63	1.90E-05	1	K.KQLEINPDHPIVETLR.Q	0.92	R&H (2D-GIST)
gij8102	FBgn0001233	695.84	1389.67	1389.67	0	0	60	6.40E-05	1	K.HFSVEGQLEFR.A	1.00	F&H (2D-GIST)
gij17647529	FBgn0001233	697.35	1392.69	1392.69	0.01	0	50	0.00062	1	K.HFSVEGQLEFR.A	0.94	R&H (2D-GIST)
gij24660868	FBgn0001248	750.88	1499.74	1499.73	0.01	0	87	1.10E-07	1	K.AGPVVDVLGDEMTR.I	1.16	F&H (2D-GIST)
gij24660868	FBgn0001248	778.98	1555.94	1555.94	0.01	0	30	0.016	1	R.LVTGWQKPIVIGR.H	1.54	R&H (2D-GIST)
gij24660868	FBgn0001248	750.88	1499.74	1499.73	0.01	0	83	2.80E-07	1	K.AGPVVDVLGDEMTR.I	1.41	R&L (2D-GIST)
gij24660868	FBgn0001248	693.86	1385.7	1385.7	0	0	99	6.20E-09	1	K.TVEAEAAHGTVTR.H	0.79	F&H (2D-GIST)
gij24660868	FBgn0001248	868.41	1734.81	1734.8	0.01	1	70	3.90E-06	1	K.KEYEAAGIWEHR.L	1.02	F&H (2D-GIST)
gij24660868	FBgn0001248	693.86	1385.7	1385.7	0	0	71	3.50E-06	1	K.TVEAEAAHGTVTR.H	1.36	R&H (2D-GIST)
gij24660868	FBgn0001248	783.36	1564.7	1564.69	0	0	57	4.00E-05	1	K.EYEAAGIWEHR.L	0.94	F&H (2D-GIST)
gij24660868	FBgn0001248	693.86	1385.7	1385.7	0	0	99	6.10E-09	1	K.TVEAEAAHGTVTR.H	1.23	R&H (2D-GIST)
gij24660868	FBgn0001248	783.36	1564.7	1564.69	0	0	53	9.60E-05	1	K.EYEAAGIWEHR.L	1.41	R&L (2D-GIST)
gij24660868	FBgn0001248	868.41	1734.81	1734.8	0.01	1	75	1.10E-06	1	K.KEYEAAGIWEHR.L	1.43	R&L (2D-GIST)
gij8896016	FBgn0001263	710.85	1419.7	1419.69	0	0	29	0.07	1	K.GIVPDSPAHLCCR.L	0.85	F&H (2D-GIST)
gij8896016	FBgn0001263	743.87	1485.73	1485.73	0	0	42	0.0042	1	K.VHQLFHTTYEK.A	0.83	F&H (2D-GIST)
gij8896016	FBgn0001263	684.36	1366.7	1366.69	0.01	1	33	0.029	1	R.IRTEAGYEIDR.A	0.81	R&H (2D-GIST)
gij8896016	FBgn0001263	712.37	1422.72	1422.71	0.01	0	44	0.0024	1	K.GIVPDSPAHLCCR.L	0.98	R&H (2D-GIST)
gij8896016	FBgn0001263	773.41	1544.81	1544.8	0.01	0	65	2.50E-05	1	K.HAEVSGGIFISDLR.E	1.14	R&H (2D-GIST)
gij8896016	FBgn0001263	799.44	1596.87	1596.87	0.01	0	35	0.018	1	K.VSMEVTRPKPLR.T	0.98	R&L (2D-GIST)
gij8896016	FBgn0001263	743.87	1485.73	1485.73	0.01	0	45	0.0019	1	K.VHQLFHTTYEK.A	1.03	R&L (2D-GIST)
gij8896016	FBgn0001263	917.45	2749.33	2749.32	0.01	1	57	8.90E-05	1	K.NNHVTTGCVITHVYPEGQVAADKR.L	0.77	F&H (2D-GIST)
gij8896016	FBgn0001263	917.45	2749.33	2749.32	0	1	45	0.0013	1	K.NNHVTTGCVITHVYPEGQVAADKR.L	0.99	R&L (2D-GIST)
gij24658721	FBgn0001263	917.45	2749.33	2749.32	0.01	1	38	0.0067	1	K.NNHVTTGCVITHVYPEGQVAADKR.L	0.80	R&L (2D-GIST)
gij24639352	FBgn0001402	682.87	1363.72	1363.72	0	0	55	0.00016	1	R.GGHAELLINTAAR.L	0.92	R&L (2D-GIST)

gij24639352	FBgn0001402	651.7	1952.07	1952.07	0	0	42	0.0035	1	R.GTHFVNPDTIVTVRPVR.T	0.96	F&H (2D-GIST)
gij33243112	FBgn0001624	686.35	1370.69	1370.68	0	0	67	1.30E-05	1	R.ALELLEDYHAR.L	0.77	F&H (2D-GIST)
gij33243112	FBgn0001624	686.35	1370.69	1370.68	0.01	0	56	0.00016	1	R.ALELLEDYHAR.L	1.31	R&L (2D-GIST)
gij33243112	FBgn0001624	764.69	2291.04	2291.04	0.01	0	57	5.30E-05	1	K.HGDILHVTNASDDEWWQAR.R	1.11	F&H (2D-GIST)
gij33243112	FBgn0001624	765.69	2294.06	2294.05	0.01	0	57	4.90E-05	1	K.HGDILHVTNASDDEWWQAR.R	1.00	R&H (2D-GIST)
gij33243112	FBgn0001624	973.84	2918.49	2918.51	-0.02	1	29	0.068	1	K.RGDQLLSVNNVNLTHATHEEAAQALK.T	1.16	R&H (2D-GIST)
gij33243112	FBgn0001624	1148.04	2294.07	2294.05	0.01	0	80	2.60E-07	1	K.HGDILHVTNASDDEWWQAR.R	1.24	R&H (2D-GIST)
gij418925	FBgn0001942	790.39	1578.77	1578.76	0.01	0	40	0.0059	1	K.LFVLDDEADMLSR.G	0.65	F&H (2D-GIST)
gij418925	FBgn0001942	791.9	1581.79	1581.78	0.02	0	41	0.0041	1	K.LFVLDDEADMLSR.G	0.78	R&H (2D-GIST)
gij418925	FBgn0001942	855.46	1708.91	1708.9	0	2	42	0.0039	1	R.KGVAINFITDDDRR.I	1.00	F&H (2D-GIST)
gij418925	FBgn0001942	811.92	1621.83	1621.82	0	0	76	1.80E-06	1	R.ILESGCHVVVGTTPGR.V	0.72	F&H (2D-GIST)
gij418925	FBgn0001942	767.39	1532.76	1532.76	0	1	33	0.039	1	K.GVAINFITDDDRR.I	0.87	F&H (2D-GIST)
gij418925	FBgn0001942	813.43	1624.85	1624.84	0.01	0	68	1.00E-05	1	R.ILESGCHVVVGTTPGR.V	1.07	R&H (2D-GIST)
gij418925	FBgn0001942	767.39	1532.76	1532.76	0	1	35	0.022	1	K.GVAINFITDDDRR.I	0.82	F&H (2D-GIST)
gij24582080	FBgn0001942	811.92	1621.83	1621.82	0	0	69	7.90E-06	1	R.ILESGCHVVVGTTPGR.V	1.04	R&L (2D-GIST)
gij24582080	FBgn0001942	767.39	1532.76	1532.76	0	1	29	0.082	1	K.GVAINFITDDDRR.I	1.26	R&L (2D-GIST)
gij418925	FBgn0001942	1039.49	3115.45	3115.42	0.03	1	88	4.20E-08	1	R.KVDQLTQEMSIHNFTVSAMHGDMQR.D	0.95	F&H (2D-GIST)
gij418925	FBgn0001942	1039.48	3115.43	3115.42	0.01	1	89	2.60E-08	1	R.KVDQLTQEMSIHNFTVSAMHGDMQR.D	1.01	R&L (2D-GIST)
gij1346410	FBgn0002525	680.35	1358.69	1358.69	0	1	44	0.0031	1	R.LREEMTQQLK.E	0.91	R&L (2D-GIST)
gij1346410	FBgn0002525	1354.35	4060.04	4060.01	0.03	0	55	9.90E-05	1	R.AGTATPQPGNTSTPRPPSAGPQPPPTHSQTASSPLSPTR.H	0.79	R&H (2D-GIST)
gij2497593	FBgn0002526	771.9	1541.79	1541.79	0	0	62	3.20E-05	1	R.AHLADTGSTDLLQR.A	1.06	F&H (2D-GIST)
gij2497593	FBgn0002526	884.93	1767.85	1767.85	0.01	0	67	7.60E-06	1	K.LNELAEDIEEQHR.V	0.76	R&H (2D-GIST)
gij2497593	FBgn0002526	771.9	1541.79	1541.79	0	0	70	5.50E-06	1	R.AHLADTGSTDLLQR.A	1.09	R&H (2D-GIST)
gij2497593	FBgn0002526	769.06	2304.16	2304.15	0	0	62	3.70E-05	1	R.ILNDGEDHVTVQHTQGELR.L	1.15	F&H (2D-GIST)
gij2497593	FBgn0002526	769.06	2304.15	2304.15	0	0	58	8.50E-05	1	R.ILNDGEDHVTVQHTQGELR.L	0.89	R&H (2D-GIST)
gij24641542	FBgn0002562	797.89	1593.77	1593.77	0	0	70	4.30E-06	1	R.HVDSLPGYFPDR.E	3.96	F&H (2D-GIST)
gij24641542	FBgn0002562	1262.64	2523.27	2523.25	0.02	0	56	0.00013	1	R.IQNIVELGYQTTDGHMIDLR.K	2.94	R&H (2D-GIST)
gij24641542	FBgn0002562	1057.02	2112.02	2112.02	0	0	89	5.90E-08	1	K.LMGLGEHWYSESNYILR.E	14.24	F&H (2D-GIST)
gij24641542	FBgn0002562	965.48	1928.95	1928.96	-0.01	0	31	0.044	1	K.SIAQVYFQFMHHLPK.Y	5.84	R&L (2D-GIST)
gij24641542	FBgn0002562	1055.51	2109.01	2109	0.02	0	100	4.60E-09	1	K.LMGLGEHWYSESNYILR.E	singleton L	R&L (2D-GIST)
gij1438748	FBgn0002563	1055.48	2108.94	2108.93	0.01	0	45	0.00078	1	K.YDFPLDISEPHCGFPDR.L	9.19	F&H (2D-GIST)
gij1438748	FBgn0002563	667.02	1998.03	1998.02	0.01	1	41	0.0055	1	R.RGEWWLYNVHQLLSR.Y	14.29	R&L (2D-GIST)
gij2454565	FBgn0002564	1039.5	2076.99	2076.96	0.03	0	71	2.50E-06	1	K.YDFPLDISEPHNAFPDR.L	4.81	F&H (2D-GIST)
gij2454565	FBgn0002564	591.76	1181.51	1181.5	0.01	0	55	4.00E-05	1	K.EFSWTAEDR.I	singleton L	R&L (2D-GIST)
gij17647601	FBgn0002564	553.31	1104.62	1104.62	0	0	62	4.80E-05	1	K.FLFEIVHR.I	4.66	F&H (2D-GIST)
gij17647601	FBgn0002564	977.52	1953.03	1953.03	0	1	64	2.50E-05	1	R.RGEYWIYVQVQILAR.Y	9.32	F&H (2D-GIST)
gij17647601	FBgn0002564	652.02	1953.04	1953.03	0.01	1	42	0.0041	1	R.RGEYWIYVQVQILAR.Y	15.07	F&H (2D-GIST)
gij17647601	FBgn0002564	551.81	1101.6	1101.6	0	0	62	5.60E-05	1	K.FLFEIVHR.I	6.24	R&L (2D-GIST)
gij17647601	FBgn0002564	976.02	1950.02	1950.01	0.01	1	45	0.0019	1	R.RGEYWIYVQVQILAR.Y	singleton L	R&L (2D-GIST)

gij17647601	FBgn0002564	651.01	1950.02	1950.01	0	1	46	0.0014	1	R.RGEYWIYNVQQILAR.Y	singleton L	R&L (2D-GIST)
gij85046	FBgn0002564	551.81	1101.6	1101.6	0	0	54	0.0004	1	K.FLFEIVHR.I	singleton L	R&L (2D-GIST)
gij2495185	FBgn0002565	705.37	1408.74	1408.72	0.01	0	70	5.70E-06	1	K.QMDNIYNVVIR.T	2.54	F&H (2D-GIST)
gij17864446	FBgn0002565	703.86	1405.71	1405.7	0.01	0	57	0.00013	1	K.QMDNIYNVVIR.T	1.25	R&L (2D-GIST)
gij2495185	FBgn0002565	653.87	1305.73	1305.73	0	0	54	0.00024	1	K.VHLEAGVNHK.R	1.45	F&H (2D-GIST)
gij2495185	FBgn0002565	921.43	1840.85	1840.85	0	1	84	1.30E-07	1	K.FKLDQSEAHCGVPCR.M	1.45	F&H (2D-GIST)
gij2495185	FBgn0002565	924.45	1846.9	1846.89	0	1	92	3.10E-08	1	K.FKLDQSEAHCGVPCR.M	1.44	R&H (2D-GIST)
gij2495185	FBgn0002565	970.47	2908.38	2908.37	0.01	0	59	7.50E-05	1	R.LSHDLGEVPAFNMYVPTESGYASNLR.T	2.08	R&L (2D-GIST)
gij2495185	FBgn0002565	676.34	1350.66	1350.65	0	0	49	0.0005	1	R.TYYGVPQWHR.E	1.36	F&H (2D-GIST)
gij2495185	FBgn0002565	650.86	1299.7	1299.69	0	0	54	0.00036	1	K.VHLEAGVNHK.R	1.38	F&H (2D-GIST)
gij2495185	FBgn0002565	784.85	1567.68	1567.67	0	0	77	2.30E-07	1	K.HDYFFDVHNFK.F	1.53	F&H (2D-GIST)
gij2495185	FBgn0002565	924.46	1846.91	1846.89	0.01	1	82	3.40E-07	1	K.FKLDQSEAHCGVPCR.M	1.49	R&H (2D-GIST)
gij2495185	FBgn0002565	653.88	1305.74	1305.73	0	0	54	0.00023	1	K.VHLEAGVNHK.R	1.71	R&H (2D-GIST)
gij2495185	FBgn0002565	762.85	1523.68	1523.68	0.01	0	67	5.10E-06	1	K.LDQSEAHCGVPCR.M	1.26	R&L (2D-GIST)
gij2495185	FBgn0002565	674.83	1347.64	1347.64	0	0	61	3.50E-05	1	R.TYYGVPQWHR.E	1.58	R&L (2D-GIST)
gij2495185	FBgn0002565	784.85	1567.68	1567.67	0.01	0	81	1.20E-07	1	K.HDYFFDVHNFK.F	1.72	R&L (2D-GIST)
gij2495185	FBgn0002565	676.34	1350.66	1350.65	0.01	0	38	0.0066	1	R.TYYGVPQWHR.E	2.31	F&H (2D-GIST)
gij2495185	FBgn0002565	784.85	1567.68	1567.67	0	0	54	4.80E-05	1	K.HDYFFDVHNFK.F	1.54	R&L (2D-GIST)
gij2495185	FBgn0002565	674.83	1347.64	1347.64	0	0	62	2.80E-05	1	R.TYYGVPQWHR.E	1.55	R&L (2D-GIST)
gij2495185	FBgn0002565	1299.16	2596.31	2596.28	0.04	1	54	0.00019	1	K.TIVSHYWHLMETYPEYHKK.D	1.48	F&H (2D-GIST)
gij2495185	FBgn0002565	488.29	1461.83	1461.83	0	1	35	0.017	1	K.VHLEAGVNHK.R.A	1.61	F&H (2D-GIST)
gij2495185	FBgn0002565	731.92	1461.83	1461.83	0	1	54	0.00017	1	K.VHLEAGVNHK.R.A	1.66	F&H (2D-GIST)
gij2495185	FBgn0002565	863.42	2587.23	2587.22	0.01	1	53	0.0002	1	K.TIVSHYWHLMETYPEYHKK.D	1.58	F&H (2D-GIST)
gij2495185	FBgn0002565	866.44	2596.29	2596.28	0.01	1	48	0.00075	1	K.TIVSHYWHLMETYPEYHKK.D	1.43	R&H (2D-GIST)
gij2495185	FBgn0002565	1294.62	2587.23	2587.22	0.01	1	70	3.80E-06	1	K.TIVSHYWHLMETYPEYHKK.D	1.46	R&L (2D-GIST)
gij2495185	FBgn0002565	728.91	1455.8	1455.79	0.01	1	54	0.00026	1	K.VHLEAGVNHK.R.A	1.60	R&L (2D-GIST)
gij2495185	FBgn0002565	486.27	1455.8	1455.79	0	1	46	0.0016	1	K.VHLEAGVNHK.R.A	1.83	R&L (2D-GIST)
gij2495185	FBgn0002565	1209.57	2417.13	2417.12	0.01	0	48	0.00059	1	K.TIVSHYWHLMETYPEYHKK.K	2.37	R&L (2D-GIST)
gij17864446	FBgn0002565	1052.81	3155.42	3155.4	0.01	0	59	2.00E-05	1	K.YDEHGHEIPLEHNYQNFFELEHFK.V	1.53	F&H (2D-GIST)
gij2495185	FBgn0002565	1052.82	3155.44	3155.4	0.03	0	65	6.80E-06	1	K.YDEHGHEIPLEHNYQNFFELEHFK.V	1.54	R&L (2D-GIST)
gij24638921	FBgn0002579	842.47	1682.93	1682.93	0	2	59	6.10E-05	1	R.KREELSNILTQLR.K	0.89	F&H (2D-GIST)
gij24638921	FBgn0002579	561.98	1682.93	1682.93	0	2	41	0.0041	1	R.KREELSNILTQLR.K	0.95	F&H (2D-GIST)
gij24638921	FBgn0002579	561.99	1682.93	1682.93	0	2	44	0.0021	1	R.KREELSNILTQLR.K	0.81	F&H (2D-GIST)
gij24638921	FBgn0002579	842.48	1682.94	1682.93	0	2	61	3.90E-05	1	R.KREELSNILTQLR.K	0.86	F&H (2D-GIST)
gij24638921	FBgn0002579	758.93	1515.85	1515.84	0	1	54	0.00025	1	K.REELSNILTQLR.K	1.06	R&H (2D-GIST)
gij24638921	FBgn0002579	561.99	1682.94	1682.93	0.01	2	53	0.00022	1	R.KREELSNILTQLR.K	1.01	R&L (2D-GIST)
gij24638921	FBgn0002579	842.48	1682.94	1682.93	0	2	69	5.80E-06	1	R.KREELSNILTQLR.K	1.13	R&L (2D-GIST)
gij1079135	FBgn0002607	638.87	1275.73	1275.72	0.01	1	38	0.0043	1	K.KQELIALHAK.E	1.37	R&L (2D-GIST)
gij27819985	FBgn0002607	655.33	1308.65	1308.64	0	0	35	0.013	1	R.HLYHDLYMK.C	1.35	R&H (2D-GIST)

gii17136324	FBgn0002622	667.36	1332.7	1332.69	0.01	0	53	0.00034	1	R.GLCAIAQAESLR.Y	0.53	F&H (2D-GIST)
gii38047525	FBgn0002622	665.85	1329.68	1329.67	0.01	0	67	1.70E-05	1	R.GLCAIAQAESLR.Y	1.19	R&L (2D-GIST)
gii17136324	FBgn0002622	1271.57	2541.13	2541.13	0	0	69	1.80E-06	1	K.FVDGLMIHSGDPCNDYVETATR.H	0.76	R&H (2D-GIST)
gii296094	FBgn0002622	534.77	1067.52	1067.51	0	1	37	0.0073	1	K.RFNFTGR.I	0.75	F&H (2D-GIST)
gii7248646	FBgn0002719	777.67	2330	2330	0	0	52	5.90E-05	1	R.ATGDLYDEFIDEFMHACVR.R	0.74	R&L (2D-GIST)
gii7248648	FBgn0002719	701.38	2101.11	2101.1	0.01	0	59	8.00E-05	1	K.LHFAQLHEPIDTLAEAVR.K	1.12	F&H (2D-GIST)
gii6634088	FBgn0002719	1051.56	2101.1	2101.1	0.01	0	72	3.60E-06	1	K.LHFAQLHEPIDTLAEAVR.K	1.18	F&H (2D-GIST)
gii6634088	FBgn0002719	702.38	2104.12	2104.11	0	0	57	0.00012	1	K.LHFAQLHEPIDTLAEAVR.K	0.97	R&H (2D-GIST)
gii6634088	FBgn0002719	1051.56	2101.11	2101.1	0.01	0	71	4.80E-06	1	K.LHFAQLHEPIDTLAEAVR.K	0.88	R&L (2D-GIST)
gii482280	FBgn0002741	875.98	1749.94	1749.93	0.01	1	35	0.021	1	K.LKVDDLAAELDASQK.E	0.56	F&H (2D-GIST)
gii482280	FBgn0002741	602.84	1203.66	1203.65	0.01	0	36	0.017	1	K.LSIENSDLLR.Q	0.67	F&H (2D-GIST)
gii482280	FBgn0002741	1086.09	2170.16	2170.15	0.01	1	134	2.20E-12	1	K.KLEADINELEIALDHANK.A	0.89	F&H (2D-GIST)
gii482280	FBgn0002741	774.37	2320.1	2320.12	-0.02	0	49	0.00039	1	K.AEDMSNLTYLNDASVLHNL.R.Q	0.95	F&H (2D-GIST)
gii482280	FBgn0002741	639.82	1277.62	1277.61	0.01	0	51	0.00046	1	R.AGVLGQMEEFR.D	0.52	F&H (2D-GIST)
gii482280	FBgn0002741	952.48	1902.95	1902.93	0.01	1	37	0.013	1	R.LKGAYEEGQEQLAEVR.R	0.57	F&H (2D-GIST)
gii482280	FBgn0002741	721.38	2161.11	2161.09	0.02	1	54	0.00024	1	K.KLEADINELEIALDHANK.A	0.63	F&H (2D-GIST)
gii482280	FBgn0002741	686.38	1370.75	1370.74	0.01	1	64	2.90E-05	1	K.KLSIENSDLLR.Q	0.75	F&H (2D-GIST)
gii482280	FBgn0002741	674.35	1346.69	1346.69	0.01	0	56	0.00018	1	K.EQLNSLMTTLR.S	0.75	F&H (2D-GIST)
gii482280	FBgn0002741	643.84	1285.66	1285.65	0.01	0	62	4.60E-05	1	K.LTQEA VADLER.N	0.76	F&H (2D-GIST)
gii482280	FBgn0002741	665.66	1993.97	1993.97	0	0	36	0.015	1	R.DLEEANIQHES TLANLR.K	0.78	F&H (2D-GIST)
gii482280	FBgn0002741	665.82	1329.63	1329.62	0.01	0	74	2.30E-06	1	R.ITAAVMHMGGMK.F	0.79	F&H (2D-GIST)
gii482280	FBgn0002741	543.77	1085.53	1085.53	0	0	47	0.00096	1	K.ANAEAQVWR.S	0.80	F&H (2D-GIST)
gii482280	FBgn0002741	810.88	1619.75	1619.74	0.01	0	76	8.00E-07	1	K.GAYEEGQEQLAEVR.R	0.80	F&H (2D-GIST)
gii482280	FBgn0002741	851.1	2550.29	2550.27	0.02	1	59	6.10E-05	1	R.KLESELQTLHSDDLDELLNEAK.N	0.81	F&H (2D-GIST)
gii482280	FBgn0002741	543.3	1084.59	1084.59	0	0	49	0.0013	1	R.AQLELSQVR.Q	0.82	F&H (2D-GIST)
gii482280	FBgn0002741	868.92	1735.83	1735.83	0.01	0	29	0.073	1	K.VLIESTELNDDQYR.L	0.83	F&H (2D-GIST)
gii482280	FBgn0002741	744.91	1487.8	1487.78	0.01	1	64	2.60E-05	1	K.ISLTTQLEDTKR.L	0.90	F&H (2D-GIST)
gii482280	FBgn0002741	1276.16	2550.3	2550.27	0.03	1	69	5.70E-06	1	R.KLESELQTLHSDDLDELLNEAK.N	0.94	F&H (2D-GIST)
gii482280	FBgn0002741	998	1993.98	1993.97	0.01	0	89	7.40E-08	1	R.DLEEANIQHES TLANLR.K	0.97	F&H (2D-GIST)
gii482280	FBgn0002741	1150.56	2299.11	2299.13	-0.03	0	42	0.0034	1	K.GSLEDQVVQTNPVLEAFGNAK.T	1.18	F&H (2D-GIST)
gii482280	FBgn0002741	726.34	1450.66	1450.66	0	1	53	0.00014	1	K.ELSFQSEEDRK.N	1.20	F&H (2D-GIST)
gii482280	FBgn0002741	1159.57	2317.13	2317.1	0.03	0	81	3.90E-07	1	K.AEDMSNLTYLNDASVLHNL.R.Q	1.43	F&H (2D-GIST)
gii482280	FBgn0002741	987	1971.98	1971.96	0.02	1	99	8.00E-09	1	K.AKLEQTLDEEDSLER.E	1.43	F&H (2D-GIST)
gii482280	FBgn0002741	1031.19	3090.55	3090.52	0.03	2	33	0.022	1	K.RLEAEKDELQAALAEAEAALEQEENK.V	0.72	R&H (2D-GIST)
gii482955	FBgn0002741	867.94	1733.86	1733.84	0.02	0	36	0.015	1	K.LEQTLDEEDSLER.E	0.75	R&H (2D-GIST)
gii482955	FBgn0002741	1086.09	2170.17	2170.15	0.02	1	120	5.00E-11	1	K.KLEADINELEIALDHANK.A	0.76	R&H (2D-GIST)
gii482280	FBgn0002741	854.12	2559.35	2559.33	0.02	1	59	7.30E-05	1	R.KLESELQTLHSDDLDELLNEAK.N	0.89	R&H (2D-GIST)
gii482955	FBgn0002741	870.44	1738.86	1738.85	0.01	0	40	0.0045	1	K.VLIESTELNDDQYR.L	0.98	R&H (2D-GIST)
gii482280	FBgn0002741	660.35	1978.02	1978	0.01	1	54	0.00028	1	K.AKLEQTLDEEDSLER.E	0.99	R&H (2D-GIST)

gii482955	FBgn0002741	612.34	1222.66	1222.66	0.01	0	65	2.00E-05	1	K.TALLDSLSGK.G	1.02	R&H (2D-GIST)
gii482955	FBgn0002741	645.35	1288.68	1288.67	0.01	0	47	0.0013	1	K.LTQEAVADLER.N	1.03	R&H (2D-GIST)
gii482955	FBgn0002741	875.98	1749.95	1749.93	0.01	1	32	0.042	1	K.LKVDDLAAELDASQK.E	1.03	R&H (2D-GIST)
gii482955	FBgn0002741	602.84	1203.66	1203.65	0.01	0	49	0.00087	1	K.LSIENS DLLR.Q	1.03	R&H (2D-GIST)
gii482955	FBgn0002741	680.38	1358.74	1358.74	0.01	1	29	0.097	1	K.KAEELHAAEVK.V	1.13	R&H (2D-GIST)
gii482955	FBgn0002741	688.84	1375.68	1375.67	0.01	0	36	0.012	1	K.DIQTAL EEEQR.A	1.19	R&H (2D-GIST)
gii482955	FBgn0002741	821.41	1640.8	1640.78	0.02	1	28	0.072	1	R.IQEKEEEFENTR.K	1.25	R&H (2D-GIST)
gii482280	FBgn0002741	767.39	2299.15	2299.13	0.02	0	42	0.0039	1	K.GSLEDQVVQTNPVLEAFGNAK.T	0.64	R&L (2D-GIST)
gii482280	FBgn0002741	987	1971.98	1971.96	0.02	1	97	1.30E-08	1	K.AKLEQTLDELEDSL E.R	0.71	R&L (2D-GIST)
gii482280	FBgn0002741	543.77	1085.53	1085.53	0	0	48	0.00083	1	K.ANAEAQVWR.S	0.76	R&L (2D-GIST)
gii482280	FBgn0002741	744.9	1487.79	1487.78	0.01	1	66	1.60E-05	1	K.ISLTTQLEDTKR.L	0.78	R&L (2D-GIST)
gii482280	FBgn0002741	829.92	1657.82	1657.8	0.01	0	50	0.00068	1	R.LAEAEE TIESLNQK.C	0.80	R&L (2D-GIST)
gii482280	FBgn0002741	1276.15	2550.29	2550.27	0.02	1	73	2.40E-06	1	R.KLESELQTLHSDLELLNEAK.N	0.83	R&L (2D-GIST)
gii482280	FBgn0002741	998.47	1994.93	1994.9	0.03	0	104	1.20E-09	1	K.HNDAVAEMAEQVDQLNK.L	0.86	R&L (2D-GIST)
gii482280	FBgn0002741	639.81	1277.62	1277.61	0.01	0	58	8.50E-05	1	R.AGVLGQMEEFR.D	0.90	R&L (2D-GIST)
gii482280	FBgn0002741	863.42	1724.82	1724.8	0.02	1	46	0.0013	1	K.EKNEY YGQLNDLR.A	0.91	R&L (2D-GIST)
gii482280	FBgn0002741	721.38	2161.1	2161.09	0.01	1	42	0.004	1	K.KLEADINELEIALDHANK.A	0.91	R&L (2D-GIST)
gii482280	FBgn0002741	686.38	1370.75	1370.74	0.01	1	73	3.60E-06	1	K.KLSIENS DLLR.Q	0.92	R&L (2D-GIST)
gii482280	FBgn0002741	1150.59	2299.16	2299.13	0.02	0	32	0.033	1	K.GSLEDQVVQTNPVLEAFGNAK.T	0.94	R&L (2D-GIST)
gii482280	FBgn0002741	726.34	1450.67	1450.66	0.01	1	50	0.00033	1	K.ELSFQSEEDRK.N	0.95	R&L (2D-GIST)
gii482280	FBgn0002741	665.82	1329.63	1329.62	0.01	0	78	7.90E-07	1	R.ITAAVMHMGGMK.F	1.01	R&L (2D-GIST)
gii482280	FBgn0002741	665.98	1994.91	1994.9	0.01	0	54	0.0001	1	K.HNDAVAEMAEQVDQLNK.L	1.03	R&L (2D-GIST)
gii482280	FBgn0002741	758.86	1515.7	1515.69	0.01	0	72	2.30E-06	1	R.IEELEEEVEAER.Q	1.03	R&L (2D-GIST)
gii482280	FBgn0002741	952.48	1902.95	1902.93	0.02	1	40	0.0056	1	R.LKGAYEEGQEQLAVR.R	1.04	R&L (2D-GIST)
gii482280	FBgn0002741	810.88	1619.75	1619.74	0	0	66	7.50E-06	1	K.GAYEEGQEQLAVR.R	1.12	R&L (2D-GIST)
gii482280	FBgn0002741	699.85	1397.69	1397.68	0.01	1	47	0.00098	1	K.KGGGFATVSSAYK.E	1.22	R&L (2D-GIST)
gii482280	FBgn0002741	674.36	1346.7	1346.69	0.01	0	56	0.00019	1	K.EQLNSLMTTLR.S	1.23	R&L (2D-GIST)
gii482955	FBgn0002741	819.73	2456.17	2456.16	0.01	1	35	0.0097	1	R.NLEHDLDNLREQVEEEAEGK.A	2.39	F&H (2D-GIST)
gii103256	FBgn0002741	1229.1	2456.19	2456.16	0.03	1	57	8.00E-05	1	R.NLEHDLDNLREQVEEEAEGK.A	3.91	F&H (2D-GIST)
gii482955	FBgn0002741	900.98	1799.94	1799.93	0.01	0	46	0.0023	1	R.ATSVRPQFDGLAFPPR.F	0.93	F&H (2D-GIST)
gii482955	FBgn0002741	998	1993.98	1993.97	0.01	0	87	1.40E-07	1	R.DLEEANI QHES TLANLR.K	0.96	F&H (2D-GIST)
gii482955	FBgn0002741	600.98	1799.93	1799.93	0	0	50	0.00082	1	R.ATSVRPQFDGLAFPPR.F	0.99	F&H (2D-GIST)
gii482955	FBgn0002741	665.66	1993.97	1993.97	0	0	35	0.022	1	R.DLEEANI QHES TLANLR.K	1.22	F&H (2D-GIST)
gii482955	FBgn0002741	796.39	2386.16	2386.15	0.01	0	30	0.046	1	K.IEDMADMTV LNTPCVLHNL R.Q	0.71	R&H (2D-GIST)
gii482955	FBgn0002741	902.49	1802.96	1802.95	0.01	0	33	0.036	1	R.ATSVRPQFDGLAFPPR.F	0.82	R&H (2D-GIST)
gii482955	FBgn0002741	819.73	2456.17	2456.16	0.02	1	30	0.036	1	R.NLEHDLDNLREQVEEEAEGK.A	0.99	R&H (2D-GIST)
gii482955	FBgn0002741	1161.07	2320.13	2320.12	0.01	0	83	2.50E-07	1	K.AEDMSNLTYLNDASVLHNL R.Q	1.08	R&H (2D-GIST)
gii482280	FBgn0002741	773.38	2317.11	2317.1	0.01	0	52	0.00023	1	K.AEDMSNLTYLNDASVLHNL R.Q	0.97	R&L (2D-GIST)
gii482280	FBgn0002741	561.27	1680.79	1680.8	0	1	31	0.027	1	R.AGVLGQMEEFRDER.L	0.51	F&H (2D-GIST)

gij482280	FBgn0002741	890.44	1778.86	1778.86	0	1	33	0.022	1	K.GAYEEGQEQLEAVRR.E	0.86	F&H (2D-GIST)
gij482280	FBgn0002741	841.41	1680.8	1680.8	0	1	35	0.0099	1	R.AGVLGQMEEFRDER.L	0.91	F&H (2D-GIST)
gij482280	FBgn0002741	507.26	1012.51	1012.51	0	0	36	0.011	1	R.STQPHFVR.C	0.77	F&H (2D-GIST)
gij482280	FBgn0002741	640.82	1279.62	1279.62	0	0	56	0.00011	1	R.NLEHDLNLR.E	0.78	F&H (2D-GIST)
gij482280	FBgn0002741	786.39	1570.77	1570.77	0	1	57	0.00014	1	R.RANALQNELEESR.T	0.97	F&H (2D-GIST)
gij482280	FBgn0002741	896.43	1790.84	1790.84	0	2	53	0.0002	1	R.RIQEKEEEFENTR.K	1.07	F&H (2D-GIST)
gij20455497	FBgn0002741	841.41	1680.8	1680.8	0.01	1	38	0.0055	1	R.AGVLGQMEEFRDER.L	0.67	R&H (2D-GIST)
gij20455497	FBgn0002741	890.44	1778.87	1778.86	0.01	1	32	0.029	1	K.GAYEEGQEQLEAVRR.E	0.86	R&H (2D-GIST)
gij20455497	FBgn0002741	899.45	1796.88	1796.88	0	2	49	0.00061	1	R.RIQEKEEEFENTR.K	1.03	R&H (2D-GIST)
gij20455497	FBgn0002741	508.77	1015.53	1015.53	0	0	33	0.023	1	R.STQPHFVR.C	1.26	R&H (2D-GIST)
gij482955	FBgn0002741	900.98	1799.94	1799.93	0.01	0	31	0.064	1	R.ATSVRPQFDGLAFPPR.F	0.78	R&L (2D-GIST)
gij482955	FBgn0002741	640.82	1279.62	1279.62	0	0	47	0.00072	1	R.NLEHDLNLR.E	1.00	R&L (2D-GIST)
gij482280	FBgn0002741	1385.01	4152.02	4152	0.01	1	173	1.30E-16	1	R.RNEVPPHIFAISDGAYVDMMLTNHVNQSMMLITGESGAGK.T	0.93	F&H (2D-GIST)
gij482280	FBgn0002741	895.8	2684.36	2684.35	0.01	0	73	3.00E-06	1	K.QPGVVDAHLVMHQLTCNGVLEGIR.I	1.10	F&H (2D-GIST)
gij20455497	FBgn0002741	895.8	2684.37	2684.35	0.01	0	73	2.90E-06	1	K.QPGVVDAHLVMHQLTCNGVLEGIR.I	0.75	R&L (2D-GIST)
gij20455497	FBgn0002741	1385.03	4152.06	4152	0.06	1	126	7.30E-12	1	R.RNEVPPHIFAISDGAYVDMMLTNHVNQSMMLITGESGAGK.T	0.80	R&L (2D-GIST)
gij482280	FBgn0002741	786.39	1570.76	1570.77	-0.01	1	40	0.0051	1	R.RANALQNELEESR.T	1.07	R&L (2D-GIST)
gij482280	FBgn0002741	717.7	2150.07	2150.07	0	1	35	0.018	1	R.RDLEEANIQHESSTLANLR.K	0.93	F&H (2D-GIST)
gij482280	FBgn0002741	799.08	2394.22	2394.19	0.03	1	34	0.025	1	K.LLIEIFADHAGQSGGGEQAKGGR.G	1.57	F&H (2D-GIST)
gij482280	FBgn0002741	718.71	2153.09	2153.09	0	1	48	0.00087	1	R.RDLEEANIQHESSTLANLR.K	0.89	R&H (2D-GIST)
gij482280	FBgn0002741	869.76	2606.25	2606.24	0.01	1	63	2.40E-05	1	K.LQQFFNHHMFVLEQEEYKR.E	0.84	R&L (2D-GIST)
gij482280	FBgn0002741	895.8	2684.37	2684.35	0.01	0	57	0.00012	1	K.QPGVVDAHLVMHQLTCNGVLEGIR.I	0.85	R&L (2D-GIST)
gij17136340	FBgn0002772	747.43	1492.85	1492.85	0	0	60	2.80E-05	1	R.ALNLNPTLALIEK.L	0.68	F&H (2D-GIST)
gij17136340	FBgn0002772	768.41	1534.8	1534.79	0.01	0	48	0.0011	1	K.LDEFPLPIYSQVK.K	0.87	F&H (2D-GIST)
gij17136340	FBgn0002772	747.44	1492.86	1492.85	0.01	0	73	1.20E-06	1	R.ALNLNPTLALIEK.L	1.15	R&L (2D-GIST)
gij17136340	FBgn0002772	768.41	1534.8	1534.79	0.01	0	57	0.00013	1	K.LDEFPLPIYSQVK.K	1.15	R&L (2D-GIST)
gij1709802	FBgn0002787	790.44	1578.86	1578.86	0.01	0	35	0.019	1	K.LHQNDIAINELVR.R	0.87	F&H (2D-GIST)
gij1709802	FBgn0002787	788.93	1575.84	1575.84	0.01	0	38	0.01	1	K.LHQNDIAINELVR.R	0.99	R&L (2D-GIST)
gij24762618	FBgn0002787	667.06	1998.15	1998.14	0.01	0	67	2.70E-06	1	K.VIVHPLVLLSVVDHFNRM	1.21	F&H (2D-GIST)
gij24762618	FBgn0002787	907.11	2718.31	2718.31	0	0	68	7.10E-06	1	K.TFEHVPSEIGAEAAEEVGVHLLR.D	1.38	F&H (2D-GIST)
gij24762618	FBgn0002787	908.12	2721.34	2721.33	0.01	0	49	0.00048	1	K.TFEHVPSEIGAEAAEEVGVHLLR.D	0.89	R&H (2D-GIST)
gij1709802	FBgn0002787	668.06	2001.17	2001.16	0.01	0	67	2.90E-06	1	K.VIVHPLVLLSVVDHFNRM	1.08	F&H (2D-GIST)
gij24762618	FBgn0002787	667.06	1998.15	1998.14	0.01	0	68	1.90E-06	1	K.VIVHPLVLLSVVDHFNRM	0.92	R&L (2D-GIST)
gij24762618	FBgn0002787	907.11	2718.32	2718.31	0.01	0	67	8.90E-06	1	K.TFEHVPSEIGAEAAEEVGVHLLR.D	1.11	R&L (2D-GIST)
gij1709802	FBgn0002787	667.06	1998.15	1998.14	0.01	0	70	1.10E-06	1	K.VIVHPLVLLSVVDHFNRM	0.74	R&L (2D-GIST)
gij14424436	FBgn0002921	660.87	1319.72	1319.71	0.01	0	49	0.001	1	K.NMVPQFATVIR.E	0.73	F&H (2D-GIST)
gij14424436	FBgn0002921	852.48	1702.94	1702.93	0.02	0	59	7.70E-05	1	R.IAGLASGLDTGETPIAKE	0.89	F&H (2D-GIST)
gij14424436	FBgn0002921	869.94	1737.86	1737.84	0.02	0	50	0.0005	1	K.FNTDDINFIDNLR.F	0.96	F&H (2D-GIST)
gij14424436	FBgn0002921	736.42	1470.82	1470.8	0.02	0	44	0.0023	1	K.VIMVTGDHPITAK.A	1.03	F&H (2D-GIST)

gij14424436	FBgn0002921	908.43	1814.85	1814.83	0.02	0	44	0.0013	1	K.EAFNNAYMELGGLGER.V	1.08	F&H (2D-GIST)
gij2944333	FBgn0002921	980	1957.98	1957.96	0.02	0	90	7.10E-08	1	K.SVGIHSEGNETVEDIAQR.L	0.90	F&H (2D-GIST)
gij2944333	FBgn0002921	827.88	1653.75	1653.74	0.01	1	42	0.0014	1	R.RNPGGWLEQETYY.-	0.95	F&H (2D-GIST)
gij85070	FBgn0002921	566.82	1131.62	1131.61	0.01	0	62	4.70E-05	1	K.LIIVEGCQR.M	0.62	R&H (2D-GIST)
gij85070	FBgn0002921	829.39	1656.77	1656.76	0.01	1	53	0.00011	1	R.RNPGGWLEQETYY.-	0.86	R&H (2D-GIST)
gij85070	FBgn0002921	660.87	1319.72	1319.71	0.01	0	47	0.0015	1	K.NMVPQFATVIR.E	1.07	R&H (2D-GIST)
gij17861704	FBgn0002921	979.99	1957.97	1957.96	0.01	0	95	1.90E-08	1	K.SVGIHSEGNETVEDIAQR.L	0.70	R&L (2D-GIST)
gij17861704	FBgn0002921	906.92	1811.83	1811.81	0.02	0	68	5.20E-06	1	K.EAFNNAYMELGGLGER.V	0.84	R&L (2D-GIST)
gij17861704	FBgn0002921	868.42	1734.83	1734.82	0.01	0	53	0.00022	1	K.FNTDDINFIDNLR.F	0.84	R&L (2D-GIST)
gij17861704	FBgn0002921	849.46	1696.9	1696.89	0.01	0	91	4.60E-08	1	R.IAGLASGLDTGETPIAK.E	0.85	R&L (2D-GIST)
gij17861704	FBgn0002921	733.4	1464.78	1464.76	0.01	0	62	4.20E-05	1	K.VIMVTGDHPITAK.A	1.08	R&L (2D-GIST)
gij14424436	FBgn0002921	924.93	1847.84	1847.84	0	0	45	0.00047	1	K.YQVSIHETEDTNDPR.Y	0.90	F&H (2D-GIST)
gij14424436	FBgn0002921	765.37	1528.72	1528.71	0	0	88	6.10E-08	1	K.GVVISCGDHTVMGR.I	0.89	F&H (2D-GIST)
gij85070	FBgn0002921	924.93	1847.84	1847.84	0.01	0	32	0.014	1	K.YQVSIHETEDTNDPR.Y	0.66	R&H (2D-GIST)
gij85070	FBgn0002921	766.87	1531.74	1531.73	0	0	92	2.30E-08	1	K.GVVISCGDHTVMGR.I	0.89	R&H (2D-GIST)
gij2944333	FBgn0002921	532.8	1063.58	1063.58	0	0	52	0.00032	1	K.AAVVHGAELR.D	0.81	F&H (2D-GIST)
gij2944333	FBgn0002921	775.37	1548.73	1548.73	0	0	28	0.063	1	R.FQTHPENGLSHAK.A	0.85	F&H (2D-GIST)
gij2944333	FBgn0002921	589.3	1176.59	1176.59	0	0	50	0.00069	1	R.YHTEIVFAR.T	0.92	F&H (2D-GIST)
gij85070	FBgn0002921	766.88	1531.74	1531.73	0	0	88	5.80E-08	1	K.GVVISCGDHTVMGR.I	0.90	R&H (2D-GIST)
gij85070	FBgn0002921	924.93	1847.84	1847.84	0.01	0	28	0.032	1	K.YQVSIHETEDTNDPR.Y	1.04	R&H (2D-GIST)
gij2944333	FBgn0002921	532.8	1063.58	1063.58	0	0	65	1.60E-05	1	K.AAVVHGAELR.D	1.03	R&L (2D-GIST)
gij2944333	FBgn0002921	589.3	1176.59	1176.59	0	0	53	0.00031	1	R.YHTEIVFAR.T	1.04	R&L (2D-GIST)
gij2944333	FBgn0002921	775.38	1548.74	1548.73	0.01	0	44	0.0018	1	R.FQTHPENGLSHAK.A	1.55	R&L (2D-GIST)
gij85070	FBgn0002921	590.81	1179.61	1179.61	0	0	36	0.015	1	R.YHTEIVFAR.T	0.87	R&H (2D-GIST)
gij84873	FBgn0002938	654.9	1307.79	1307.79	0	0	64	3.70E-06	1	K.VLAAILNIGNIR.F	0.70	F&H (2D-GIST)
gij84873	FBgn0002938	585.35	1168.69	1168.68	0.01	0	81	3.50E-07	1	K.ALGVLDTVIAR.Q	0.82	F&H (2D-GIST)
gij84873	FBgn0002938	654.83	1307.65	1307.65	0.01	0	44	0.0019	1	R.SDIAEMLELSR.D	0.66	R&H (2D-GIST)
gij84873	FBgn0002938	517.81	1033.61	1033.6	0.01	0	49	0.00078	1	R.LVDFIINR.I	0.93	R&H (2D-GIST)
gij84873	FBgn0002938	1062.05	2122.08	2122.05	0.03	0	38	0.0087	1	K.SYALNTLSAGCISQVNNLR.T	0.83	R&L (2D-GIST)
gij84873	FBgn0002938	585.35	1168.69	1168.68	0	0	66	1.00E-05	1	K.ALGVLDTVIAR.Q	0.91	R&L (2D-GIST)
gij84873	FBgn0002938	1125.04	2248.07	2248.07	0	1	90	3.80E-08	1	K.AGNLTMPFEAVQHKDESER.K	0.59	R&H (2D-GIST)
gij21428862	FBgn0002938	1002.85	3005.52	3005.5	0.03	0	90	3.70E-08	1	R.ADVWALGITTIELADGKPPFADMHPTR.A	0.88	R&L (2D-GIST)
gij84873	FBgn0002938	1099.97	2197.93	2197.93	0	1	78	8.00E-08	1	R.RYQDDEGYNSSSGNYGVS.R.K	1.15	F&H (2D-GIST)
gij84873	FBgn0002938	733.66	2197.95	2197.93	0.01	1	44	0.0002	1	R.RYQDDEGYNSSSGNYGVS.R.K	1.24	F&H (2D-GIST)
gij84873	FBgn0002938	814.42	1626.83	1626.83	0	0	74	2.70E-06	1	K.MLSQANLGVHVFVR.C	0.68	F&H (2D-GIST)
gij84873	FBgn0002938	659.37	1316.73	1316.72	0.01	0	70	6.00E-06	1	K.SIFQVLLHYR.A	0.79	F&H (2D-GIST)
gij84873	FBgn0002938	641.33	1280.65	1280.65	0	1	34	0.024	1	R.YREFENILR.D	0.83	F&H (2D-GIST)
gij84873	FBgn0002938	815.93	1629.85	1629.85	0.01	0	69	9.20E-06	1	K.MLSQANLGVHVFVR.C	0.85	R&H (2D-GIST)
gij84873	FBgn0002938	1310.13	2618.24	2618.21	0.03	0	54	0.00014	1	R.AVFGDTNAIHDMFGFEFCNR.N	0.85	R&H (2D-GIST)

gij84873	FBgn0002938	1089.55	2177.09	2177.07	0.02	0	87	1.30E-07	1	R.FQDFVNLSQQVHIYNQR.M	0.75	R&L (2D-GIST)
gij84872	FBgn0002938	1150.19	3447.55	3447.56	-0.02	0	43	0.00051	1	K.NAENRPMVMVEMVEHPFLTELIENEDEM.R.S	0.94	F&H (2D-GIST)
gij84872	FBgn0002938	1061.82	3182.45	3182.44	0.01	1	43	0.0009	1	R.LREYDEEHIDISETPSEAEEMFLEAR.M	3.19	F&H (2D-GIST)
gij84872	FBgn0002938	888.76	2663.26	2663.24	0.02	0	44	0.0019	1	R.SENQPHIFSVADIAYQDMLHKK.E	0.81	F&H (2D-GIST)
gij84872	FBgn0002938	642.84	1283.67	1283.67	0	1	29	0.07	1	R.YREFENILR.D	0.75	R&H (2D-GIST)
gij84872	FBgn0002938	642.84	1283.67	1283.67	0	1	29	0.07	1	R.YREFENILR.D	0.75	R&H (2D-GIST)
gij84872	FBgn0002938	1150.2	3447.59	3447.56	0.02	0	57	3.40E-05	1	K.NAENRPMVMVEMVEHPFLTELIENEDEM.R.S	0.92	R&H (2D-GIST)
gij84873	FBgn0002938	888.76	2663.26	2663.24	0.01	0	59	5.50E-05	1	R.SENQPHIFSVADIAYQDMLHKK.E	0.82	R&L (2D-GIST)
gij84873	FBgn0002938	587.65	1759.91	1759.91	0	1	37	0.012	1	K.KHTATEISVAHYTGR.I	0.61	F&H (2D-GIST)
gij84872	FBgn0002938	749.34	2244.99	2244.99	0	0	39	0.0022	1	K.IQHYDEEHQVSIEEEYR.T	1.02	F&H (2D-GIST)
gij84872	FBgn0002938	1123.51	2245	2244.99	0	0	117	4.20E-11	1	K.IQHYDEEHQVSIEEEYR.T	1.27	F&H (2D-GIST)
gij84872	FBgn0002938	750.35	2248.01	2248.01	0	0	64	5.90E-06	1	K.IQHYDEEHQVSIEEEYR.T	0.84	R&H (2D-GIST)
gij84872	FBgn0002938	1150.2	3447.57	3447.56	0.01	0	50	0.00013	1	K.NAENRPMVMVEMVEHPFLTELIENEDEM.R.S	0.87	R&H (2D-GIST)
gij84872	FBgn0002938	1123.51	2245	2244.99	0.01	0	123	1.10E-11	1	K.IQHYDEEHQVSIEEEYR.T	0.74	R&L (2D-GIST)
gij24651916	FBgn0003074	889.43	1776.84	1776.83	0.01	0	63	1.50E-05	1	R.DAMFSGQHINITENR.A	0.93	R&H (2D-GIST)
gij24651916	FBgn0003074	889.42	1776.84	1776.83	0.01	0	64	1.00E-05	1	R.DAMFSGQHINITENR.A	0.74	R&H (2D-GIST)
gij24651916	FBgn0003074	753.4	2257.17	2257.15	0.02	0	32	0.037	1	K.GLHSHFVSNIDGTHLAEVLK.K	1.06	F&H (2D-GIST)
gij24651916	FBgn0003074	1129.59	2257.17	2257.15	0.02	0	79	7.20E-07	1	K.GLHSHFVSNIDGTHLAEVLK.K	0.75	R&L (2D-GIST)
gij24651916	FBgn0003074	623.65	1867.93	1867.92	0	0	43	0.0029	1	K.AETHALLPYDQYLHR.F	1.06	R&L (2D-GIST)
gij279529	FBgn0003075	847.44	1692.87	1692.86	0.01	0	53	0.00028	1	K.SVVLMSHLGRPDGKN.N	0.71	F&H (2D-GIST)
gij279529	FBgn0003075	838.91	1675.8	1675.8	0.01	0	86	1.40E-07	1	K.LGDVYVNDAFGTAHR.A	0.93	F&H (2D-GIST)
gij384291	FBgn0003075	840.42	1678.82	1678.81	0.01	0	72	3.20E-06	1	K.LGDVYVNDAFGTAHR.A	1.02	R&H (2D-GIST)
gij384291	FBgn0003075	850.46	1698.91	1698.9	0.01	0	52	0.00034	1	K.SVVLMSHLGRPDGKN.N	1.23	R&H (2D-GIST)
gij279529	FBgn0003075	838.91	1675.8	1675.8	0	0	68	7.00E-06	1	K.LGDVYVNDAFGTAHR.A	1.03	R&L (2D-GIST)
gij279529	FBgn0003075	847.44	1692.87	1692.86	0.01	0	28	0.095	1	K.SVVLMSHLGRPDGKN.N	1.15	R&L (2D-GIST)
gij10959	FBgn0003149	1130.59	2259.17	2259.15	0.02	0	46	0.0014	1	R.TFVTTSTVPGSQVYIQUETTR.T	0.69	F&H (2D-GIST)
gij10959	FBgn0003149	1050.53	2099.05	2099.03	0.02	0	80	7.20E-07	1	K.QSLQLTELQAHYEDVQR.Q	0.72	F&H (2D-GIST)
gij10959	FBgn0003149	719.35	1436.68	1436.68	0	0	69	8.60E-06	1	R.TVELQYEEAASR.I	0.75	F&H (2D-GIST)
gij10959	FBgn0003149	700.69	2099.05	2099.03	0.02	0	28	0.09	1	K.QSLQLTELQAHYEDVQR.Q	0.78	F&H (2D-GIST)
gij10959	FBgn0003149	671.36	1340.7	1340.69	0.01	0	69	9.20E-06	1	R.LAGLNGELEEV.R.S	0.78	F&H (2D-GIST)
gij10959	FBgn0003149	1048.55	2095.08	2095.08	0	0	86	1.50E-07	1	R.SLLESSLHQVEIELDSVR.N	0.84	F&H (2D-GIST)
gij10959	FBgn0003149	670.38	1338.75	1338.74	0.01	0	68	6.90E-06	1	K.NLILLQDALDK.S	1.07	F&H (2D-GIST)
gij10959	FBgn0003149	1130.59	2259.17	2259.15	0.03	0	49	0.00079	1	R.TFVTTSTVPGSQVYIQUETTR.T	0.91	R&H (2D-GIST)
gij10959	FBgn0003149	673.4	1344.78	1344.78	0.01	0	79	5.90E-07	1	K.NLILLQDALDK.S	1.01	R&H (2D-GIST)
gij10959	FBgn0003149	637.84	1273.67	1273.66	0.01	0	30	0.071	1	R.LLQDDLEVER.E	1.21	R&H (2D-GIST)
gij10959	FBgn0003149	753.41	1504.8	1504.79	0.01	1	39	0.0086	1	R.LAEKDEEIEAIR.K	1.27	R&H (2D-GIST)
gij10959	FBgn0003149	719.35	1436.69	1436.68	0.01	0	71	5.00E-06	1	R.TVELQYEEAASR.I	0.73	R&L (2D-GIST)
gij10959	FBgn0003149	671.36	1340.7	1340.69	0.01	0	65	2.00E-05	1	R.LAGLNGELEEV.R.S	1.13	R&L (2D-GIST)
gij10959	FBgn0003149	1050.07	2098.12	2098.1	0.02	0	68	1.40E-05	1	R.SLLESSLHQVEIELDSVR.N	1.01	F&H (2D-GIST)

gij17861600	FBgn0003149	622.66	1864.96	1864.95	0	1	34	0.023	1	K.SRLDETIILYETSQR.D	0.68	F&H (2D-GIST)
gij17861600	FBgn0003149	610.28	1827.8	1827.8	0	0	51	0.00012	1	R.LEEAEGGAEHQFEANR.K	0.68	F&H (2D-GIST)
gij10959	FBgn0003149	933.49	1864.96	1864.95	0.01	1	84	2.70E-07	1	K.SRLDETIILYETSQR.D	0.86	F&H (2D-GIST)
gij10959	FBgn0003149	914.91	1827.81	1827.8	0	0	103	7.30E-10	1	R.LEEAEGGAEHQFEANR.K	0.87	F&H (2D-GIST)
gij17861600	FBgn0003149	699.37	2095.1	2095.08	0.02	0	49	0.00063	1	R.SLLESSLHQVEIELDSVR.N	1.17	F&H (2D-GIST)
gij17861600	FBgn0003149	1050.06	2098.1	2098.1	0.01	0	85	2.80E-07	1	R.SLLESSLHQVEIELDSVR.N	0.77	R&H (2D-GIST)
gij17861600	FBgn0003149	1052.03	2102.05	2102.05	0.01	0	80	5.60E-07	1	K.QSLQLTELQAHYEDVQR.Q	0.81	R&H (2D-GIST)
gij17861600	FBgn0003149	916.42	1830.82	1830.82	0	0	100	1.20E-09	1	R.LEEAEGGAEHQFEANR.K	0.99	R&H (2D-GIST)
gij17861600	FBgn0003149	1138.6	2275.18	2275.17	0.01	1	69	7.80E-06	1	K.KQSLQLTELQAHYEDVQR.Q	1.03	R&H (2D-GIST)
gij10959	FBgn0003149	699.37	2095.09	2095.08	0.01	0	52	0.00036	1	R.SLLESSLHQVEIELDSVR.N	0.98	R&L (2D-GIST)
gij10959	FBgn0003149	798.91	1595.8	1595.8	0	1	38	0.0077	1	K.RTVELQYEEAASR.I	0.71	F&H (2D-GIST)
gij24661116	FBgn0003149	878.46	1754.91	1754.9	0	2	73	3.50E-06	1	R.IRDLELELEEEKR.R	0.64	F&H (2D-GIST)
gij24661116	FBgn0003149	828.43	1654.86	1654.85	0	2	62	4.70E-05	1	R.RLAEKDEEIEAIR.K	0.69	F&H (2D-GIST)
gij24661116	FBgn0003149	749.41	1496.8	1496.79	0	1	45	0.0018	1	R.RLAGLNGELEEVR.S	0.80	F&H (2D-GIST)
gij24661116	FBgn0003149	896.45	1790.88	1790.88	0	2	39	0.0071	1	R.RLENERDELTAAYK.E	0.83	F&H (2D-GIST)
gij24661116	FBgn0003149	597.33	1192.65	1192.65	0	0	58	6.70E-05	1	R.LHELELELR.R	0.83	F&H (2D-GIST)
gij10959	FBgn0003149	598.84	1195.67	1195.66	0	0	53	0.00031	1	R.LHELELELR.R	1.07	R&H (2D-GIST)
gij10959	FBgn0003149	798.91	1595.81	1595.8	0.01	1	40	0.0053	1	K.RTVELQYEEAASR.I	1.10	R&H (2D-GIST)
gij10959	FBgn0003149	899.47	1796.92	1796.92	0	2	46	0.0016	1	R.RLENERDELTAAYK.E	1.20	R&H (2D-GIST)
gij24661116	FBgn0003149	1048.54	2095.07	2095.08	-0.01	0	87	1.00E-07	1	R.SLLESSLHQVEIELDSVR.N	1.03	R&L (2D-GIST)
gij24661116	FBgn0003149	914.91	1827.81	1827.8	0.01	0	104	7.30E-10	1	R.LEEAEGGAEHQFEANR.K	1.11	R&L (2D-GIST)
gij24661116	FBgn0003149	749.41	1496.8	1496.79	0	1	45	0.0019	1	R.RLAGLNGELEEVR.S	1.12	R&L (2D-GIST)
gij24661116	FBgn0003149	828.44	1654.86	1654.85	0.01	2	68	1.20E-05	1	R.RLAEKDEEIEAIR.K	1.19	R&L (2D-GIST)
gij24661116	FBgn0003149	933.49	1864.96	1864.95	0.01	1	63	3.50E-05	1	K.SRLDETIILYETSQR.D	1.28	R&L (2D-GIST)
gij24661116	FBgn0003149	878.47	1754.92	1754.9	0.01	2	72	4.20E-06	1	R.IRDLELELEEEKR.R	1.45	R&L (2D-GIST)
gij10959	FBgn0003149	1050.05	2098.08	2098.1	-0.02	0	60	8.10E-05	1	R.SLLESSLHQVEIELDSVR.N	0.93	R&H (2D-GIST)
gij10959	FBgn0003149	598.84	1195.67	1195.66	0.01	0	51	0.0004	1	R.LHELELELR.R	1.43	R&H (2D-GIST)
gij10959	FBgn0003149	751.4	2251.19	2251.18	0.01	1	47	0.00088	1	R.RSLLESSLHQVEIELDSVR.N	0.93	F&H (2D-GIST)
gij10959	FBgn0003149	751.4	2251.19	2251.18	0.01	1	43	0.0025	1	R.RSLLESSLHQVEIELDSVR.N	0.99	R&L (2D-GIST)
gij10959	FBgn0003149	450.59	1348.75	1348.75	0	1	35	0.012	1	R.RLHELELELR.R	0.89	F&H (2D-GIST)
gij10959	FBgn0003149	451.6	1351.77	1351.77	0	1	45	0.0017	1	R.RLHELELELR.R	1.23	R&H (2D-GIST)
gij10959	FBgn0003149	675.38	1348.75	1348.75	0	1	53	0.00017	1	R.RLHELELELR.R	1.11	R&L (2D-GIST)
gij130837	FBgn0003151	1053.59	2105.17	2105.16	0.01	0	85	9.40E-08	1	K.IIPIDDLGISIAGLTADAR.V	0.70	R&H (2D-GIST)
gij130837	FBgn0003151	853.95	1705.88	1705.88	0	0	35	0.021	1	R.RPYGVGLLVAGYDER.G	0.77	F&H (2D-GIST)
gij130837	FBgn0003151	855.46	1708.91	1708.9	0.01	0	28	0.098	1	R.RPYGVGLLVAGYDER.G	1.27	R&H (2D-GIST)
gij1079084	FBgn0003162	628.84	1255.67	1255.67	0.01	0	44	0.0022	1	K.TVTSTMLGVFR.D	1.05	F&H (2D-GIST)
gij1079084	FBgn0003162	649.86	1297.71	1297.71	0.01	0	59	6.70E-05	1	R.LLLGGLGENPDR.Q	1.07	F&H (2D-GIST)
gij38455513	FBgn0003162	767.41	1532.8	1532.78	0.02	1	69	9.10E-06	1	K.TREEFLNLVNSK.-	1.00	F&H (2D-GIST)
gij1079084	FBgn0003162	770.42	1538.83	1538.82	0.01	1	67	1.50E-05	1	K.TREEFLNLVNSK.-	1.05	R&H (2D-GIST)

gij1079084	FBgn0003162	628.84	1255.68	1255.67	0.01	0	35	0.019	1	K.TVTSTMLGVFR.D	1.41	R&H (2D-GIST)
gij5524669	FBgn0003162	648.35	1294.7	1294.69	0.01	0	75	2.00E-06	1	R.LLLGGLGENPDR.Q	1.23	R&L (2D-GIST)
gij24656796	FBgn0003162	696.33	2085.98	2085.97	0.01	0	34	0.017	1	K.CTFHHDLELDHKPPTR.E	1.02	R&L (2D-GIST)
gij3128475	FBgn0003178	999.54	1997.06	1997.03	0.02	0	32	0.036	1	K.AGKPVICATQMLESVK.K	0.90	F&H (2D-GIST)
gij3128475	FBgn0003178	990.52	1979.02	1979	0.03	0	87	1.30E-07	1	R.GAGTIDASHAAAIAAVEAATK.A	0.71	F&H (2D-GIST)
gij3128475	FBgn0003178	805.93	1609.85	1609.84	0.01	0	31	0.041	1	K.LGYEHPVAIALDTK.G	1.08	F&H (2D-GIST)
gij3128475	FBgn0003178	808.95	1615.88	1615.87	0.01	0	51	0.00047	1	K.LGYEHPVAIALDTK.G	0.96	R&H (2D-GIST)
gij3128475	FBgn0003178	990.51	1979	1979	0.01	0	87	1.30E-07	1	R.GAGTIDASHAAAIAAVEAATK.A	1.06	R&L (2D-GIST)
gij3128475	FBgn0003178	995.01	1988	1987.98	0.02	0	68	9.30E-06	1	K.AGKPVICATQMLESVK.K	1.13	R&L (2D-GIST)
gij27819773	FBgn0003178	1036.03	2070.04	2070.04	0	0	63	2.70E-05	1	K.EAEAALWHQNLFNLDLVR.G	0.70	F&H (2D-GIST)
gij3128475	FBgn0003178	1349.66	2697.31	2697.29	0.02	0	76	9.40E-07	1	K.IENQQGMHNLDEIIEAGDGIMVAR.G	0.76	R&H (2D-GIST)
gij27819773	FBgn0003178	899.1	2694.29	2694.27	0.01	0	66	9.70E-06	1	K.IENQQGMHNLDEIIEAGDGIMVAR.G	0.86	R&L (2D-GIST)
gij27819773	FBgn0003178	668.85	1335.69	1335.69	0	0	44	0.0025	1	R.LQFDSVPVHVR.L	0.71	F&H (2D-GIST)
gij3128475	FBgn0003178	668.85	1335.69	1335.69	0	0	38	0.0098	1	R.LQFDSVPVHVR.L	1.01	R&L (2D-GIST)
gij24640697	FBgn0003217	846.94	1691.86	1691.86	0	0	94	2.40E-08	1	K.ELGQTALHIAAEQNR.R	0.74	F&H (2D-GIST)
gij24640697	FBgn0003217	984.48	1966.95	1966.94	0.01	0	96	1.50E-08	1	K.LGQIEIESQCDEHVR.N	0.89	F&H (2D-GIST)
gij729891	FBgn0003217	985.99	1969.96	1969.96	0	0	85	1.30E-07	1	K.LGQIEIESQCDEHVR.N	1.09	R&H (2D-GIST)
gij729891	FBgn0003217	535.3	1068.59	1068.59	0	0	37	0.008	1	K.FQHLLNPR.Q	0.72	F&H (2D-GIST)
gij729891	FBgn0003217	848.45	1694.88	1694.88	0	0	48	0.00089	1	K.ELGQTALHIAAEQNR.R	0.76	R&H (2D-GIST)
gij729891	FBgn0003217	1182.01	2362	2361.98	0.02	0	69	7.30E-07	1	K.VSQDWCFIDSCTAEHYFR.I	0.63	R&L (2D-GIST)
gij729891	FBgn0003217	533.79	1065.57	1065.57	0	0	30	0.037	1	K.FQHLLNPR.Q	0.93	R&L (2D-GIST)
gij729891	FBgn0003217	535.3	1068.59	1068.59	0	0	64	1.90E-05	1	K.FQHLLNPR.Q	0.97	R&H (2D-GIST)
gij132748	FBgn0003279	645.71	1934.12	1934.1	0.02	0	32	0.011	1	R.YALVSAIAASGVPALVQSK.G	1.02	F&H (2D-GIST)
gij132748	FBgn0003279	965.05	1928.08	1928.06	0.02	0	75	9.50E-07	1	R.YALVSAIAASGVPALVQSK.G	0.75	F&H (2D-GIST)
gij132748	FBgn0003279	965.05	1928.08	1928.06	0.02	0	87	6.20E-08	1	R.YALVSAIAASGVPALVQSK.G	1.15	R&L (2D-GIST)
gij132748	FBgn0003279	850.95	1699.89	1699.89	0	2	48	0.0011	1	R.RGPLVVYDKDEGLR.K	0.84	F&H (2D-GIST)
gij132748	FBgn0003279	853.97	1705.93	1705.93	0	2	35	0.018	1	R.RGPLVVYDKDEGLR.K	0.87	R&H (2D-GIST)
gij132748	FBgn0003279	850.95	1699.89	1699.89	0.01	2	39	0.0089	1	R.RGPLVVYDKDEGLR.K	0.94	R&L (2D-GIST)
gij132748	FBgn0003279	949.53	1897.05	1897.05	0	0	36	0.0097	1	K.APIRPDVVNEVHQLLR.R	0.99	F&H (2D-GIST)
gij132748	FBgn0003279	634.37	1900.08	1900.07	0.01	0	42	0.0018	1	K.APIRPDVVNEVHQLLR.R	0.87	R&H (2D-GIST)
gij17646233	FBgn0003349	851.46	1700.9	1700.89	0.01	0	61	5.50E-05	1	R.AYHQLLAEINSLER.E	0.76	F&H (2D-GIST)
gij17646233	FBgn0003349	654.7	1961.08	1961.09	-0.01	0	47	0.00095	1	R.VSAAHSVLASASVAHVLAAR.T	1.04	F&H (2D-GIST)
gij17646233	FBgn0003349	653.7	1958.08	1958.07	0.01	0	49	0.00038	1	R.VSAAHSVLASASVAHVLAAR.T	1.28	R&L (2D-GIST)
gij103318	FBgn0003371	702.82	1403.63	1403.63	0	0	49	0.00028	1	K.ACAHPFFDEL.R.M	0.84	F&H (2D-GIST)
gij10896	FBgn0003371	702.82	1403.63	1403.63	0	0	43	0.0014	1	K.ACAHPFFDEL.R.M	1.08	R&L (2D-GIST)
gij6691827	FBgn0003371	524.61	1570.81	1570.81	0	0	39	0.0077	1	R.SLAYIHSLGICHR.D	0.66	F&H (2D-GIST)
gij10896	FBgn0003371	523.61	1567.8	1567.79	0	0	50	0.00059	1	R.SLAYIHSLGICHR.D	1.10	R&L (2D-GIST)
gij103144	FBgn0003392	940.46	1878.91	1878.9	0.02	0	76	1.90E-06	1	K.AMLQMIQQLQSDFER.T	1.08	F&H (2D-GIST)
gij103144	FBgn0003392	940.47	1878.92	1878.9	0.02	0	87	1.30E-07	1	K.AMLQMIQQLQSDFER.T	0.86	R&L (2D-GIST)

gij103144	FBgn0003392	671.37	1340.74	1340.73	0	1	67	1.00E-05	1	R.KDIHQALAAER.K	0.92	F&H (2D-GIST)
gij103144	FBgn0003392	846.48	2536.41	2536.41	0	0	36	0.0036	1	R.RPLILQLINGVTEYGEFLHIK.G	0.88	R&L (2D-GIST)
gij103144	FBgn0003392	599.81	1197.6	1197.6	0	0	51	0.0004	1	K.FFLSHPSYR.H	0.85	F&H (2D-GIST)
gij103144	FBgn0003392	683.35	1364.69	1364.69	0	1	60	6.50E-05	1	R.KFFLSHPSYR.H	0.87	F&H (2D-GIST)
gij103144	FBgn0003392	689.38	1376.75	1376.75	0	0	46	0.0011	1	R.VLNQQLTNHIR.D	0.97	F&H (2D-GIST)
gij103144	FBgn0003392	690.89	1379.78	1379.77	0	0	46	0.0012	1	R.VLNQQLTNHIR.D	0.97	R&H (2D-GIST)
gij103144	FBgn0003392	683.35	1364.69	1364.69	0	1	60	6.50E-05	1	R.KFFLSHPSYR.H	0.97	R&L (2D-GIST)
gij103144	FBgn0003392	598.3	1194.58	1194.58	0	0	51	0.00032	1	K.FFLSHPSYR.H	1.12	R&L (2D-GIST)
gij476937	FBgn0003423	1098.66	2195.31	2195.29	0.01	0	63	2.70E-06	1	K.LTALGRPQLLLQLSEVIMR.T	0.64	R&H (2D-GIST)
gij476937	FBgn0003423	1003.47	2004.93	2004.93	0	0	36	0.0067	1	K.YMEDMVGQGNVLTTHHK.T	0.76	R&H (2D-GIST)
gij476937	FBgn0003423	732.77	2195.3	2195.29	0.01	0	37	0.0014	1	K.LTALGRPQLLLQLSEVIMR.T	0.89	R&H (2D-GIST)
gij20908094	FBgn0003432	878.98	1755.95	1755.95	0.01	0	31	0.042	1	R.QRPVFTQPLQNIDR.I	0.63	F&H (2D-GIST)
gij20908094	FBgn0003432	903.95	1805.88	1805.88	0	0	62	3.50E-05	1	R.SSIHETQHEEALTK.I	0.87	F&H (2D-GIST)
gij20908094	FBgn0003432	832.4	1662.79	1662.78	0	1	76	1.10E-06	1	R.REEEETYITQAPR.F	0.96	F&H (2D-GIST)
gij20908094	FBgn0003432	843.43	1684.85	1684.84	0	0	76	1.60E-06	1	K.SIYLESQHETALPR.L	1.04	F&H (2D-GIST)
gij8250181	FBgn0003432	1244.65	2487.28	2487.27	0.01	0	45	0.002	1	K.VSGKPGIVYDSQLPAHQSIDR.I	0.70	R&H (2D-GIST)
gij8250181	FBgn0003432	906.97	1811.93	1811.92	0.01	0	31	0.052	1	R.SSIHETQHEEALTK.I	0.93	R&H (2D-GIST)
gij20908094	FBgn0003432	833.91	1665.81	1665.8	0	1	65	1.40E-05	1	R.REEEETYITQAPR.F	0.85	F&H (2D-GIST)
gij20908094	FBgn0003432	708.36	1414.71	1414.7	0	0	72	2.60E-06	1	R.VAENQAVHFEAR.L	0.86	F&H (2D-GIST)
gij20908094	FBgn0003432	867.86	1733.71	1733.72	-0.01	0	29	0.0037	1	K.SSGYTADTEEHSSYR.K	1.07	F&H (2D-GIST)
gij20908094	FBgn0003432	693.35	1384.68	1384.67	0	0	83	2.80E-07	1	K.LVEGQSAHFEAR.L	0.70	F&H (2D-GIST)
gij20908094	FBgn0003432	589.85	1177.69	1177.69	0	1	37	0.0037	1	R.RLNLPRPTK.V	0.78	F&H (2D-GIST)
gij20908094	FBgn0003432	801.42	1600.82	1600.82	0	0	53	0.00043	1	R.SEFVDEVVNIRPR.F	0.88	F&H (2D-GIST)
gij20908094	FBgn0003432	555.27	1662.79	1662.78	0	1	28	0.07	1	R.REEEETYITQAPR.F	1.05	F&H (2D-GIST)
gij20908094	FBgn0003432	693.35	1384.68	1384.67	0	0	71	5.30E-06	1	K.LVEGQSAHFEAR.L	0.68	R&L (2D-GIST)
gij20908094	FBgn0003432	843.43	1684.85	1684.84	0.01	0	88	1.20E-07	1	K.SIYLESQHETALPR.L	0.90	R&L (2D-GIST)
gij20908094	FBgn0003432	801.42	1600.83	1600.82	0.01	0	45	0.0023	1	R.SEFVDEVVNIRPR.F	1.04	R&L (2D-GIST)
gij20908094	FBgn0003432	1051.09	2100.16	2100.16	0	0	34	0.016	1	R.IHQLEKPLAPRPTPEPER.L	0.87	F&H (2D-GIST)
gij20908094	FBgn0003432	699.05	2094.13	2094.12	0	0	30	0.046	1	R.IHQLEKPLAPRPTPEPER.L	0.82	F&H (2D-GIST)
gij20908094	FBgn0003432	1113.58	3337.71	3337.68	0.03	0	43	0.002	1	R.LFEKPFTQLLTGPELWEGTHAHFEAR.V	0.82	F&H (2D-GIST)
gij20908094	FBgn0003432	713.02	2136.05	2136.05	0	0	45	0.0015	1	R.GLHNIETIEGTNVHLECR.L	1.05	F&H (2D-GIST)
gij20908094	FBgn0003432	586.65	1756.92	1756.92	0	1	50	0.00056	1	R.RSEFVDEVVNIRPR.F	0.68	F&H (2D-GIST)
gij20908094	FBgn0003432	633	1895.99	1895.99	0	0	39	0.0075	1	K.LHEGQHVLLAEQVEPR.A	0.73	F&H (2D-GIST)
gij20908094	FBgn0003432	609.98	1826.91	1826.91	0	0	64	2.70E-05	1	R.HWLQAESLHPDSLPR.I	0.87	F&H (2D-GIST)
gij20908094	FBgn0003432	949	1895.99	1895.99	0	0	82	4.10E-07	1	K.LHEGQHVLLAEQVEPR.A	0.90	F&H (2D-GIST)
gij8250181	FBgn0003432	915.97	1829.93	1829.93	0	0	60	5.90E-05	1	R.HWLQAESLHPDSLPR.I	0.83	R&H (2D-GIST)
gij8250181	FBgn0003432	587.66	1759.95	1759.94	0.01	1	54	0.00025	1	R.RSEFVDEVVNIRPR.F	1.01	R&H (2D-GIST)
gij8250181	FBgn0003432	950.51	1899.01	1899	0	0	90	7.50E-08	1	K.LHEGQHVLLAEQVEPR.A	1.16	R&H (2D-GIST)
gij8250181	FBgn0003432	634.01	1899.01	1899	0	0	35	0.02	1	K.LHEGQHVLLAEQVEPR.A	1.20	R&H (2D-GIST)

gil8250181	FBgn0003432	618.99	1853.95	1853.94	0	0	34	0.027	1	K.VEFHNGKPLSTGHR.F	1.53	R&H (2D-GIST)
gil20908094	FBgn0003432	609.98	1826.91	1826.91	0	0	54	0.00023	1	R.HWLQAESLHPDSLPR.I	1.02	R&L (2D-GIST)
gil20908094	FBgn0003432	1113.57	3337.7	3337.68	0.02	0	60	4.10E-05	1	R.LFEKPIFTQLLTGPSELWEGTHAHFEAR.V	1.17	R&L (2D-GIST)
gil20908094	FBgn0003432	712.02	2133.03	2133.03	0	0	45	0.0019	1	R.GLHNIETIEGTNVHLECR.L	1.46	R&L (2D-GIST)
gil8647	FBgn0003462	1066.52	2131.02	2131.02	0	0	100	3.70E-09	1	R.TVVVHADADDLGQGGHELK.S	0.66	F&H (2D-GIST)
gil6684465	FBgn0003462	711.35	2131.03	2131.05	-0.03	1	34	0.019	1	R.TVVVHADADDLGKGGHELK.S	1.06	F&H (2D-GIST)
gil6684465	FBgn0003462	1069.54	2137.06	2137.09	-0.03	1	68	8.30E-06	1	R.TVVVHADADDLGKGGHELK.S	0.89	R&H (2D-GIST)
gil6684465	FBgn0003462	698.35	2092.04	2092.06	-0.02	1	58	7.30E-05	1	R.TVVVHADADDLGKGGHELK.S	1.44	F&H (2D-GIST)
gil8647	FBgn0003462	951.47	2851.4	2851.4	0	1	70	4.30E-06	1	R.TVVVHADADDLGQGGHELKSTGNAGARI	1.94	F&H (2D-GIST)
gil8647	FBgn0003462	697.34	2089.01	2089.01	0	0	63	2.20E-05	1	R.TVVVHADADDLGQGGHELK.S	1.44	F&H (2D-GIST)
gil6684465	FBgn0003462	949.46	2845.36	2845.4	-0.04	2	79	4.40E-07	1	R.TVVVHADADDLGKGGHELKSTGNAGARI	1.74	R&L (2D-GIST)
gil8647	FBgn0003462	1095.48	3283.42	3283.4	0.02	0	81	6.50E-08	1	K.GLHGFHVHEFGDNTNGCMSGPHFNPYGK.E	0.82	R&L (2D-GIST)
gil17136504	FBgn0003470	561.28	1680.83	1680.81	0.02	1	30	0.053	1	K.KHDAFETDFTAHK.D	0.71	F&H (2D-GIST)
gil103399	FBgn0003470	751.41	1500.8	1500.79	0.01	0	63	3.40E-05	1	R.LLNVISSGENMLK.D	0.64	F&H (2D-GIST)
gil103399	FBgn0003470	836.88	1671.75	1671.75	0	1	71	1.70E-06	1	K.KHDAFETDFTAHK.D	0.67	F&H (2D-GIST)
gil103399	FBgn0003470	937.16	2808.45	2808.43	0.03	0	62	3.20E-05	1	K.IAALQTVADQLIAQNHYASNLVDEK.R	0.82	F&H (2D-GIST)
gil103399	FBgn0003470	754.42	1506.83	1506.82	0.01	0	64	2.40E-05	1	R.LLNVISSGENMLK.D	1.04	R&H (2D-GIST)
gil103399	FBgn0003470	937.16	2808.46	2808.43	0.03	0	77	9.20E-07	1	K.IAALQTVADQLIAQNHYASNLVDEK.R	0.88	R&L (2D-GIST)
gil103399	FBgn0003470	883.98	1765.95	1765.95	0.01	0	87	1.20E-07	1	K.QHLLDSLQVQQLFR.D	0.70	F&H (2D-GIST)
gil103399	FBgn0003470	816.08	2445.22	2445.21	0.01	1	47	0.001	1	K.RLEAELGSHEPAIQAVQEAGEK.L	0.82	F&H (2D-GIST)
gil103399	FBgn0003470	646.36	1936.06	1936.05	0.01	1	43	0.0021	1	R.KQHLLDSLQVQQLFR.D	0.83	F&H (2D-GIST)
gil103399	FBgn0003470	969.04	1936.06	1936.05	0.01	1	95	1.10E-08	1	R.KQHLLDSLQVQQLFR.D	0.90	F&H (2D-GIST)
gil103399	FBgn0003470	858.93	1715.84	1715.83	0.01	0	52	0.00029	1	K.LIDGQHYAADDVAQR.R	0.89	R&H (2D-GIST)
gil103399	FBgn0003470	1098.12	2194.23	2194.21	0.02	1	87	6.90E-08	1	K.KIEELGALLEEHLILDNR.Y	1.01	R&H (2D-GIST)
gil103399	FBgn0003470	841.42	1680.82	1680.81	0.01	1	59	5.00E-05	1	K.KHDAFETDFTAHK.D	1.02	R&H (2D-GIST)
gil103399	FBgn0003470	972.05	1942.09	1942.09	0	1	77	6.70E-07	1	R.KQHLLDSLQVQQLFR.D	1.03	R&H (2D-GIST)
gil103399	FBgn0003470	1226.64	2451.27	2451.25	0.02	1	71	5.00E-06	1	K.RLEAELGSHEPAIQAVQEAGEK.L	1.15	R&H (2D-GIST)
gil17862818	FBgn0003470	818.1	2451.26	2451.25	0.01	1	47	0.0012	1	K.RLEAELGSHEPAIQAVQEAGEK.L	1.20	R&H (2D-GIST)
gil103399	FBgn0003470	730.4	2188.19	2188.17	0.01	1	67	7.30E-06	1	K.KIEELGALLEEHLILDNR.Y	0.91	R&L (2D-GIST)
gil103399	FBgn0003470	794.38	1586.75	1586.75	0	0	85	9.00E-08	1	K.HQAFEAELAAANADR.I	0.81	F&H (2D-GIST)
gil103399	FBgn0003470	767.42	1532.82	1532.82	0.01	0	70	7.10E-06	1	R.LNEALTLHQFFR.D	0.86	F&H (2D-GIST)
gil103399	FBgn0003470	771.89	1541.76	1541.76	0	2	56	0.00017	1	K.RKEELNEAWQR.L	0.72	F&H (2D-GIST)
gil103399	FBgn0003470	781.87	1561.72	1561.72	0	0	84	1.50E-07	1	K.FIESGHFDADNIR.N	0.82	F&H (2D-GIST)
gil103399	FBgn0003470	556.8	1111.58	1111.58	0	0	54	0.00018	1	K.LFGAHEIQR.F	0.91	F&H (2D-GIST)
gil103399	FBgn0003470	782.86	1563.71	1563.71	0	0	59	3.00E-05	1	K.HQNFHEHLENANK.S	0.96	F&H (2D-GIST)
gil103399	FBgn0003470	885.5	1768.98	1768.97	0.02	0	75	1.60E-06	1	K.QHLLDSLQVQQLFR.D	0.72	R&H (2D-GIST)
gil103399	FBgn0003470	648.37	1942.1	1942.09	0.01	1	39	0.004	1	R.KQHLLDSLQVQQLFR.D	1.16	R&H (2D-GIST)
gil103399	FBgn0003470	769.38	1536.75	1536.75	0.01	0	70	4.90E-06	1	R.MQHNLEQQIQAR.N	0.86	R&L (2D-GIST)
gil103399	FBgn0003470	781.87	1561.72	1561.72	0	0	84	1.50E-07	1	K.FIESGHFDADNIR.N	0.96	R&L (2D-GIST)

gil103399	FBgn0003470	792.88	1583.74	1583.73	0.01	0	90	3.20E-08	1	K.HQAFEAEELAAANADR.I	0.99	R&L (2D-GIST)
gil103399	FBgn0003470	969.04	1936.06	1936.05	0	1	79	4.50E-07	1	R.KQHLLDLSLQVQQLFR.D	1.05	R&L (2D-GIST)
gil103399	FBgn0003470	765.91	1529.81	1529.8	0.01	0	69	8.90E-06	1	R.LNEALTLHQFFR.D	1.08	R&L (2D-GIST)
gil103399	FBgn0003470	771.89	1541.76	1541.76	0.01	2	62	3.90E-05	1	K.RKEELNEAWQR.L	1.10	R&L (2D-GIST)
gil103399	FBgn0003470	774.91	1547.8	1547.8	0	2	40	0.0058	1	K.RKEELNEAWQR.L	0.97	R&H (2D-GIST)
gil103399	FBgn0003470	925.48	1848.95	1848.96	-0.01	1	91	6.40E-08	1	K.KHQLVEADIVAHEDR.I	0.53	F&H (2D-GIST)
gil103399	FBgn0003470	849.44	1696.86	1696.85	0.01	0	59	7.40E-05	1	K.HANLFHQWLTETR.T	0.74	F&H (2D-GIST)
gil103399	FBgn0003470	797.38	1592.74	1592.74	0	0	65	1.10E-05	1	R.LCSIHADHSDQIR.D	0.56	F&H (2D-GIST)
gil103399	FBgn0003470	907.47	1812.92	1812.92	0	1	57	0.00016	1	K.KHQAVLAEINNHEAR.L	0.64	F&H (2D-GIST)
gil103399	FBgn0003470	531.92	1592.74	1592.74	0	0	39	0.0041	1	R.LCSIHADHSDQIR.D	0.64	F&H (2D-GIST)
gil103399	FBgn0003470	548.61	1642.82	1642.82	0	0	58	0.00013	1	K.HQAVLAEINNHEAR.L	0.74	F&H (2D-GIST)
gil103399	FBgn0003470	565.62	1693.84	1693.83	0	0	52	0.00036	1	K.HANLFHQWLTETR.T	0.77	F&H (2D-GIST)
gil103399	FBgn0003470	558.61	1672.82	1672.82	0	0	64	2.30E-05	1	K.HQLVEADIVAHEDR.I	0.80	F&H (2D-GIST)
gil103399	FBgn0003470	549.94	1646.79	1646.78	0	0	75	1.60E-06	1	K.HALLEADVMAHQDR.I	0.83	F&H (2D-GIST)
gil103399	FBgn0003470	605.32	1812.93	1812.92	0	1	64	3.10E-05	1	K.KHQAVLAEINNHEAR.L	0.85	F&H (2D-GIST)
gil103399	FBgn0003470	615.32	1842.92	1842.92	0	1	68	1.30E-05	1	K.KHQLVEADIVAHEDR.I	0.97	F&H (2D-GIST)
gil103399	FBgn0003470	837.42	1672.82	1672.82	0	0	69	7.10E-06	1	K.HQLVEADIVAHEDR.I	1.06	F&H (2D-GIST)
gil103399	FBgn0003470	838.92	1675.83	1675.84	0	0	61	4.00E-05	1	K.HQLVEADIVAHEDR.I	0.71	R&H (2D-GIST)
gil103399	FBgn0003470	847.93	1693.84	1693.83	0	0	63	2.80E-05	1	K.HANLFHQWLTETR.T	0.91	R&L (2D-GIST)
gil17136504	FBgn0003470	615.32	1842.93	1842.92	0	1	69	9.00E-06	1	K.KHQLVEADIVAHEDR.I	0.95	R&L (2D-GIST)
gil17136504	FBgn0003470	549.94	1646.79	1646.78	0	0	73	2.20E-06	1	K.HALLEADVMAHQDR.I	1.09	R&L (2D-GIST)
gil17136504	FBgn0003470	558.61	1672.82	1672.82	0	0	67	1.20E-05	1	K.HQLVEADIVAHEDR.I	1.11	R&L (2D-GIST)
gil17136504	FBgn0003470	605.32	1812.93	1812.92	0.01	1	56	0.00017	1	K.KHQAVLAEINNHEAR.L	1.18	R&L (2D-GIST)
gil17136504	FBgn0003470	565.62	1693.84	1693.83	0	0	44	0.0025	1	K.HANLFHQWLTETR.T	1.19	R&L (2D-GIST)
gil103399	FBgn0003470	824.4	1646.79	1646.78	0.01	0	91	3.50E-08	1	K.HALLEADVMAHQDR.I	1.34	R&L (2D-GIST)
gil17136504	FBgn0003470	606.64	1816.89	1816.89	0.01	1	61	5.10E-05	1	K.KHALLEADVMAHQDR.I	1.74	R&L (2D-GIST)
gil103399	FBgn0003470	907.47	1812.92	1812.92	0	1	69	9.90E-06	1	K.KHQAVLAEINNHEAR.L	1.76	R&L (2D-GIST)
gil103399	FBgn0003470	565.62	1693.83	1693.83	0	0	35	0.018	1	K.HANLFHQWLTETR.T	0.74	F&H (2D-GIST)
gil423777	FBgn0003471	764.45	1526.88	1526.85	0.02	1	50	0.00047	1	K.KFEALISDLTQK.W	0.97	F&H (2D-GIST)
gil423777	FBgn0003471	1068.54	2135.07	2135.04	0.03	1	70	6.70E-06	1	K.KHENLEQSVEDYANTIR.Q	1.17	F&H (2D-GIST)
gil423777	FBgn0003471	764.44	1526.87	1526.85	0.01	1	38	0.0077	1	K.KFEALISDLTQK.W	0.73	R&H (2D-GIST)
gil423777	FBgn0003471	921.47	1840.93	1840.92	0.01	1	57	9.70E-05	1	K.KNQSLATEIDNHEPR.I	0.80	F&H (2D-GIST)
gil423777	FBgn0003471	815.39	1628.77	1628.78	-0.01	0	77	8.30E-07	1	K.VGSELITEGHFGADR.I	0.67	F&H (2D-GIST)
gil423777	FBgn0003471	1065.52	2129.02	2129	0.02	1	82	3.20E-07	1	K.KHENLEQSVEDYANTIR.Q	0.70	F&H (2D-GIST)
gil423777	FBgn0003471	833.4	1664.78	1664.78	0.01	0	79	7.90E-07	1	K.NQSLATEIDNHEPR.I	0.89	F&H (2D-GIST)
gil423777	FBgn0003471	804.43	1606.84	1606.83	0.01	0	77	1.10E-06	1	K.HSLVEADINILGER.V	0.89	F&H (2D-GIST)
gil423777	FBgn0003471	1237.62	2473.22	2473.22	0	0	68	8.60E-06	1	R.EVVAGSQELGQDFDHVTLTLLSER.F	0.63	R&H (2D-GIST)
gil423777	FBgn0003471	816.91	1631.8	1631.8	0.01	0	82	3.20E-07	1	K.VGSELITEGHFGADR.I	0.80	R&H (2D-GIST)
gil423777	FBgn0003471	1068.53	2135.05	2135.04	0.01	1	75	1.50E-06	1	K.KHENLEQSVEDYANTIR.Q	0.82	R&H (2D-GIST)

gii423777	FBgn0003471	834.91	1667.81	1667.79	0.01	0	64	2.00E-05	1	K.NQSLATEIDNHEPR.I	1.00	R&H (2D-GIST)
gii423777	FBgn0003471	921.47	1840.93	1840.92	0.01	1	65	1.60E-05	1	K.KNQSLATEIDNHEPR.I	1.01	R&H (2D-GIST)
gii17647191	FBgn0003471	679.87	1357.73	1357.73	0	0	28	0.1	1	K.HRPDLVQFEK.L	0.67	F&H (2D-GIST)
gii423777	FBgn0003471	816.91	1631.8	1631.8	0.01	0	64	2.00E-05	1	K.VGSELITEGHFGADR.I	0.73	R&H (2D-GIST)
gii423777	FBgn0003471	679.87	1357.73	1357.73	0	0	36	0.019	1	K.HRPDLVQFEK.L	1.13	R&H (2D-GIST)
gii423777	FBgn0003471	563.28	1124.55	1124.55	0	1	30	0.037	1	K.HRFEGFDK.E	0.52	F&H (2D-GIST)
gii423777	FBgn0003471	931.42	1860.83	1860.83	0	1	50	0.00027	1	K.RHEAFLTTMEANDDK.I	1.14	R&L (2D-GIST)
gii423777	FBgn0003471	658.67	1973	1973	0	0	29	0.065	1	R.QLLHVEHPNSDEILER.Q	0.74	F&H (2D-GIST)
gii85154	FBgn0003676	872.96	1743.9	1743.89	0.01	0	34	0.022	1	K.YISEHLTAPVDELGR.D	1.14	F&H (2D-GIST)
gii85154	FBgn0003676	872.96	1743.9	1743.89	0.01	0	37	0.011	1	K.YISEHLTAPVDELGR.D	1.28	R&H (2D-GIST)
gii85154	FBgn0003676	644.86	1287.7	1287.7	0	0	33	0.035	1	K.IHPTSIIISGYR.I	0.81	F&H (2D-GIST)
gii24649029	FBgn0003676	644.86	1287.71	1287.7	0.01	0	31	0.056	1	K.IHPTSIIISGYR.I	1.01	R&H (2D-GIST)
gii136075	FBgn0003721	587.83	1173.65	1173.63	0.01	0	42	0.0048	1	K.IVELEEEELR.V	0.74	F&H (2D-GIST)
gii136075	FBgn0003721	682.88	1363.74	1363.73	0.01	1	99	8.60E-09	1	R.KLAMVEADLER.A	0.85	F&H (2D-GIST)
gii85165	FBgn0003721	586.32	1170.63	1170.61	0.02	0	61	6.80E-05	1	K.IVELEEEELR.L	0.62	F&H (2D-GIST)
gii85165	FBgn0003721	650.35	1298.68	1298.67	0.01	0	61	6.20E-05	1	R.IQLLEEDLER.S	0.71	F&H (2D-GIST)
gii433475	FBgn0003721	862.12	2583.35	2583.33	0.02	1	62	2.80E-05	1	K.KIQTVENELDQTQEALTLVTGK.L	0.84	F&H (2D-GIST)
gii85165	FBgn0003721	764.4	1526.78	1526.77	0.01	0	40	0.0062	1	K.ALQNAESEVAALNR.R	1.01	F&H (2D-GIST)
gii38047701	FBgn0003721	596.31	1190.61	1190.6	0.01	0	43	0.0028	1	K.LAMVEADLER.A	0.83	R&H (2D-GIST)
gii38047701	FBgn0003721	587.83	1173.64	1173.63	0.01	0	45	0.002	1	K.IVELEEEELR.V	1.07	R&H (2D-GIST)
gii85165	FBgn0003721	679.86	1357.7	1357.69	0.01	1	86	1.80E-07	1	R.KLAMVEADLER.A	0.92	R&L (2D-GIST)
gii433475	FBgn0003721	862.12	2583.34	2583.33	0.02	1	69	5.40E-06	1	K.KIQTVENELDQTQEALTLVTGK.L	1.00	R&L (2D-GIST)
gii85165	FBgn0003721	586.32	1170.62	1170.61	0	0	55	0.00025	1	K.IVELEEEELR.L	1.07	R&L (2D-GIST)
gii85165	FBgn0003721	650.35	1298.68	1298.67	0.01	0	60	6.70E-05	1	R.IQLLEEDLER.S	1.10	R&L (2D-GIST)
gii85165	FBgn0003721	764.4	1526.78	1526.77	0.01	0	66	1.70E-05	1	K.ALQNAESEVAALNR.R	1.22	R&L (2D-GIST)
gii85164	FBgn0003721	814.42	1626.83	1626.82	0.01	1	69	8.60E-06	1	K.EVDRLEDDLNRV.G	0.79	F&H (2D-GIST)
gii85164	FBgn0003721	815.93	1629.85	1629.84	0.01	1	43	0.0039	1	K.EVDRLEDDLNRV.G	0.94	R&H (2D-GIST)
gii85164	FBgn0003721	728.4	1454.78	1454.77	0	1	50	0.00065	1	R.RIQLLEEDLER.S	0.80	F&H (2D-GIST)
gii85164	FBgn0003721	758.38	1514.74	1514.73	0	1	91	4.50E-08	1	R.REEAESEVAALNR.R	0.84	F&H (2D-GIST)
gii85164	FBgn0003721	833.86	1665.71	1665.71	0	2	52	6.60E-05	1	K.YKDECEEFHKR.L	0.87	F&H (2D-GIST)
gii45551896	FBgn0003721	759.89	1517.76	1517.75	0.01	1	85	1.40E-07	1	R.REEAESEVAALNR.R	1.01	R&H (2D-GIST)
gii85165	FBgn0003721	728.4	1454.78	1454.77	0	1	51	0.00063	1	R.RIQLLEEDLER.S	1.03	R&L (2D-GIST)
gii85164	FBgn0003721	505.92	1514.74	1514.73	0.01	1	51	0.00053	1	R.REEAESEVAALNR.R	1.11	R&L (2D-GIST)
gii85164	FBgn0003721	833.87	1665.72	1665.71	0.01	2	44	0.0005	1	K.YKDECEEFHKR.L	1.48	R&L (2D-GIST)
gii38047701	FBgn0003721	728.4	1454.78	1454.77	0.01	1	41	0.0056	1	R.RIQLLEEDLER.S	1.57	R&L (2D-GIST)
gii3184326	FBgn0003738	806.91	1611.8	1611.81	-0.01	0	43	0.0024	1	K.DIGADWVILGHSER.R	0.78	F&H (2D-GIST)
gii45825129	FBgn0003738	863.43	1724.85	1724.85	0	0	75	1.90E-06	1	K.TATPDQAQEVHAFRLR.Q	0.93	F&H (2D-GIST)
gii3184326	FBgn0003738	864.94	1727.87	1727.87	0	0	65	1.50E-05	1	K.TATPDQAQEVHAFRLR.Q	1.04	R&H (2D-GIST)
gii103429	FBgn0003738	805.4	1608.79	1608.79	0.01	0	80	4.80E-07	1	K.DIGADWVILGHSER.R	0.86	F&H (2D-GIST)

gii45825129	FBgn0003738	863.44	1724.86	1724.85	0.01	0	63	2.70E-05	1	K.TATPDQAQEVHAFRLR.Q	1.04	R&L (2D-GIST)
gii45825129	FBgn0003738	805.41	1608.8	1608.79	0.01	0	76	1.30E-06	1	K.DIGADWVILGHSER.R	1.15	R&L (2D-GIST)
gii17136564	FBgn0003884	938.04	1874.07	1874.05	0.02	0	84	1.30E-07	1	R.IHFPLVITYAPVISAEEK.A	1.02	F&H (2D-GIST)
gii17136564	FBgn0003884	557.31	1112.61	1112.61	0.01	0	49	0.0011	1	K.EIVDLVLDR.I	1.01	F&H (2D-GIST)
gii17136564	FBgn0003884	558.82	1115.63	1115.63	0	0	61	4.10E-05	1	K.EIVDLVLDR.I	0.76	R&H (2D-GIST)
gii17136564	FBgn0003884	935.02	1868.03	1868.01	0.02	0	86	1.10E-07	1	R.IHFPLVITYAPVISAEEK.A	0.96	R&L (2D-GIST)
gii17136564	FBgn0003884	880.95	1759.89	1759.89	0	0	44	0.0033	1	R.NLDIERPTYTNLNR.L	0.87	F&H (2D-GIST)
gii17136564	FBgn0003884	880.95	1759.89	1759.89	0	0	50	0.00075	1	R.NLDIERPTYTNLNR.L	0.89	F&H (2D-GIST)
gii17136564	FBgn0003884	693.42	1384.82	1384.81	0.01	1	35	0.0089	1	K.EIVDLVLRIR.K	1.02	R&H (2D-GIST)
gii21428640	FBgn0003890	1023.54	2045.06	2045.05	0.01	0	127	1.70E-11	1	K.GHYTEGAELIDSVLEVLR.K	1.16	F&H (2D-GIST)
gii21428640	FBgn0003890	681.69	2042.04	2042.03	0.01	0	47	0.0016	1	K.GHYTEGAELIDSVLEVLR.K	1.08	F&H (2D-GIST)
gii21428640	FBgn0003890	682.69	2045.06	2045.05	0.01	0	32	0.051	1	K.GHYTEGAELIDSVLEVLR.K	0.95	R&H (2D-GIST)
gii21428640	FBgn0003890	1023.54	2045.07	2045.05	0.02	0	108	1.40E-09	1	K.GHYTEGAELIDSVLEVLR.K	1.04	R&H (2D-GIST)
gii21428640	FBgn0003890	715.87	1429.73	1429.72	0.01	1	36	0.014	1	K.RISEQFTAMFR.R	0.75	F&H (2D-GIST)
gii21428640	FBgn0003890	1022.03	2042.05	2042.03	0.01	0	110	9.10E-10	1	K.GHYTEGAELIDSVLEVLR.K	0.63	R&L (2D-GIST)
gii133897	FBgn0003942	1076.44	2150.87	2150.86	0.01	0	84	6.60E-09	1	R.ECPGENCGAGVFMAAHEDR.H	0.72	R&H (2D-GIST)
gii133897	FBgn0003942	768.99	2303.96	2303.95	0.01	1	43	0.00031	1	R.RECPGENCGAGVFMAAHEDR.H	1.13	R&L (2D-GIST)
gii85119	FBgn0004066	1244.64	2487.26	2487.28	-0.02	0	92	3.60E-08	1	R.AVTIFSPDGHLLQVEYAQEA VR.K	0.65	R&H (2D-GIST)
gii85119	FBgn0004066	601.28	1800.83	1800.83	0	1	40	0.0027	1	K.SYREEEVANEHGAVK.L	0.87	F&H (2D-GIST)
gii85119	FBgn0004066	901.42	1800.83	1800.83	0	1	71	2.40E-06	1	K.SYREEEVANEHGAVK.L	0.91	F&H (2D-GIST)
gii85119	FBgn0004066	901.42	1800.83	1800.83	0	1	58	4.70E-05	1	K.SYREEEVANEHGAVK.L	1.33	R&L (2D-GIST)
gii17945305	FBgn0004117	751.86	1501.7	1501.7	0	0	66	9.00E-06	1	K.LLEATQSA DENNR.M	0.52	F&H (2D-GIST)
gii17945305	FBgn0004117	787.91	1573.81	1573.79	0.01	0	69	9.00E-06	1	K.LLTATESEVATQNR.K	0.82	F&H (2D-GIST)
gii17945305	FBgn0004117	609.31	1216.6	1216.59	0.01	0	46	0.0019	1	K.IMELEELK.V	1.06	F&H (2D-GIST)
gii38048155	FBgn0004117	753.37	1504.72	1504.72	0	0	60	3.40E-05	1	K.LLEATQSA DENNR.M	0.81	R&H (2D-GIST)
gii17945305	FBgn0004117	787.91	1573.81	1573.79	0.02	0	82	4.40E-07	1	K.LLTATESEVATQNR.K	0.91	R&L (2D-GIST)
gii45552923	FBgn0004167	889.98	1777.95	1777.95	0	0	40	0.0085	1	K.ALVAGQSLISQQHPER.E	0.67	F&H (2D-GIST)
gii45552923	FBgn0004167	772.92	1543.82	1543.82	0	0	46	0.0016	1	R.LTQSHQLQEFLR.S	0.91	F&H (2D-GIST)
gii45552923	FBgn0004167	771.41	1540.81	1540.8	0.01	0	47	0.0016	1	R.LTQSHQLQEFLR.S	1.23	R&L (2D-GIST)
gii45552923	FBgn0004167	533.27	1596.8	1596.79	0.01	0	30	0.049	1	K.AWQILEYAEHHR.E	1.36	F&H (2D-GIST)
gii85169	FBgn0004169	749.91	1497.82	1497.81	0.01	0	76	1.50E-06	1	R.IKPLAIEGFGEAK.L	0.62	F&H (2D-GIST)
gii136401	FBgn0004169	757.89	1513.76	1513.74	0.01	1	46	0.0013	1	K.LETEKYDLEER.Q	0.90	R&H (2D-GIST)
gii103432	FBgn0004169	709.86	1417.7	1417.69	0.01	0	64	2.30E-05	1	K.DAGVLGLSSAAMER.N	0.87	R&L (2D-GIST)
gii85169	FBgn0004169	749.92	1497.82	1497.81	0.01	0	68	9.80E-06	1	R.IKPLAIEGFGEAK.L	1.17	R&L (2D-GIST)
gii135085	FBgn0004242	949.53	1897.05	1897.04	0.01	1	96	1.20E-08	1	K.KIEHVGEVVTEVIAER.T	0.76	R&H (2D-GIST)
gii135085	FBgn0004242	622.8	1243.59	1243.58	0	0	55	5.00E-05	1	R.HWSDMLASPR.R	1.08	F&H (2D-GIST)
gii28416379	FBgn0004242	621.29	1240.57	1240.57	0	0	45	0.00064	1	R.HWSDMLASPR.R	1.05	R&L (2D-GIST)
gii19550069	FBgn0004363	612.28	1222.55	1222.55	0	0	54	0.0001	1	K.YQLDDASVR.A	0.70	F&H (2D-GIST)
gii19550069	FBgn0004363	1017.96	2033.91	2033.89	0.02	0	74	7.80E-07	1	K.TSSGIEFNTAGHSNQESGK.V	0.97	R&L (2D-GIST)

gij19550069	FBgn0004363	612.28	1222.55	1222.55	0	0	47	0.00048	1	K.YQLDDDDASVR.A	1.00	R&L (2D-GIST)
gij1526609	FBgn0004363	1206.6	2411.18	2411.16	0.02	0	101	3.90E-09	1	K.DFVLHTAVNDGQEFGSIFQR.T	1.09	R&H (2D-GIST)
gij1526609	FBgn0004363	803.72	2408.15	2408.14	0.01	0	55	0.00017	1	K.DFVLHTAVNDGQEFGSIFQR.T	0.78	R&L (2D-GIST)
gij1228974	FBgn0004397	883.44	1764.86	1764.86	0	0	48	0.00071	1	K.WLQHPEINDGGLGER.A	1.00	R&H (2D-GIST)
gij1228974	FBgn0004397	803.45	1604.88	1604.87	0.01	0	29	0.086	1	K.ELTHQVHSEILVR.C	0.79	F&H (2D-GIST)
gij1228974	FBgn0004397	801.94	1601.86	1601.85	0	0	46	0.0018	1	K.ELTHQVHSEILVR.C	1.10	R&L (2D-GIST)
gij1228974	FBgn0004397	534.96	1601.85	1601.85	0	0	32	0.052	1	K.ELTHQVHSEILVR.C	1.43	R&L (2D-GIST)
gij17864514	FBgn0004401	798.89	1595.77	1595.77	0	0	72	2.90E-06	1	K.FFDTEVTAEIHSR.T	1.06	F&H (2D-GIST)
gij17864514	FBgn0004401	859.9	1717.78	1717.78	0	0	41	0.002	1	K.HMWDANSFENHIK.G	0.83	F&H (2D-GIST)
gij17864514	FBgn0004401	798.9	1595.78	1595.77	0.01	0	71	3.70E-06	1	K.FFDTEVTAEIHSR.T	1.21	F&H (2D-GIST)
gij17864514	FBgn0004401	798.9	1595.79	1595.77	0.02	0	56	0.00012	1	K.FFDTEVTAEIHSR.T	1.54	R&H (2D-GIST)
gij17864514	FBgn0004401	856.88	1711.75	1711.74	0	0	55	5.20E-05	1	K.HMWDANSFENHIK.G	1.11	R&L (2D-GIST)
gij5305433	FBgn0004507	726.42	1450.83	1450.82	0.01	0	50	0.00028	1	R.WPVSLLESILPR.H	0.64	F&H (2D-GIST)
gij5305433	FBgn0004507	727.93	1453.85	1453.84	0.01	0	48	0.00047	1	R.WPVSLLESILPR.H	0.77	R&H (2D-GIST)
gij5305433	FBgn0004507	871.45	1740.89	1740.88	0	0	32	0.038	1	K.ARPEFMPLPVNFYGR.V	0.59	F&H (2D-GIST)
gij5305433	FBgn0004507	951.96	1901.9	1901.89	0	0	82	2.40E-07	1	R.SCA YTNHTVLPEALER.W	0.70	F&H (2D-GIST)
gij5305433	FBgn0004507	721.72	2162.15	2162.16	-0.01	0	54	0.00022	1	K.VAIQLNDTHPSLAPELMR.I	0.34	R&H (2D-GIST)
gij5305433	FBgn0004507	1082.09	2162.17	2162.16	0.02	0	75	1.30E-06	1	K.VAIQLNDTHPSLAPELMR.I	0.62	R&H (2D-GIST)
gij5305433	FBgn0004507	1296.14	2590.27	2590.25	0.02	0	48	0.00083	1	R.VFAMPYDNPPIPGYNNHVNTLR.L	0.63	R&H (2D-GIST)
gij5305433	FBgn0004507	953.47	1904.92	1904.91	0.01	0	73	1.90E-06	1	R.SCA YTNHTVLPEALER.W	0.79	R&H (2D-GIST)
gij5305433	FBgn0004507	869.94	1737.87	1737.87	0	0	51	0.00045	1	K.ARPEFMPLPVNFYGR.V	0.48	F&H (2D-GIST)
gij5305433	FBgn0004507	953.46	1904.91	1904.91	0	0	63	1.60E-05	1	R.SCA YTNHTVLPEALER.W	0.67	R&H (2D-GIST)
gij5305433	FBgn0004507	1103.91	3308.72	3308.68	0.04	1	44	0.0015	1	R.NTFDHFDPDKVAIQLNDTHPSLAPELMR.I	0.64	F&H (2D-GIST)
gij5305433	FBgn0004507	922.17	2763.49	2763.49	0.01	0	86	7.60E-08	1	R.INMAHLSIVGSHAVNGVAAIHSQILK.D	0.61	F&H (2D-GIST)
gij5305433	FBgn0004507	1103.9	3308.68	3308.68	0.01	1	36	0.01	1	R.NTFDHFDPDKVAIQLNDTHPSLAPELMR.I	0.52	R&H (2D-GIST)
gij5305433	FBgn0004507	922.17	2763.49	2763.49	0.01	0	77	6.00E-07	1	R.INMAHLSIVGSHAVNGVAAIHSQILK.D	0.69	R&L (2D-GIST)
gij118314	FBgn0004516	952.52	1903.03	1903.02	0.01	0	68	1.00E-05	1	R.ALPLQLIEDCATTLK.Y	0.76	F&H (2D-GIST)
gij118314	FBgn0004516	949.51	1897	1896.99	0.02	0	72	4.20E-06	1	R.ALPLQLIEDCATTLK.Y	0.99	R&L (2D-GIST)
gij118314	FBgn0004516	729.36	1456.7	1456.69	0.01	0	41	0.0031	1	K.VLDFHHPEDMK.R	1.03	R&H (2D-GIST)
gij118314	FBgn0004516	1280.09	2558.16	2558.15	0.02	0	52	0.00014	1	K.SCAAVCGLGTDHCIVVPSDEHGK.M	1.37	R&H (2D-GIST)
gij118314	FBgn0004516	729.36	1456.7	1456.69	0.01	0	40	0.0042	1	K.VLDFHHPEDMK.R	1.10	R&H (2D-GIST)
gij280603	FBgn0004551	646.36	1290.71	1290.69	0.02	0	83	2.80E-07	1	K.ILALTGQYGTGR.D	0.76	F&H (2D-GIST)
gij280603	FBgn0004551	779.45	1556.88	1556.87	0.01	0	52	0.00025	1	K.FSIPVVLLDETLLK.F	0.96	F&H (2D-GIST)
gij280603	FBgn0004551	782.47	1562.92	1562.91	0.01	0	60	2.90E-05	1	K.FSIPVVLLDETLLK.F	0.73	R&H (2D-GIST)
gij280603	FBgn0004551	646.36	1290.7	1290.69	0.01	0	87	1.20E-07	1	K.ILALTGQYGTGR.D	0.81	R&L (2D-GIST)
gij280603	FBgn0004551	623.84	1245.67	1245.67	0	0	34	0.028	1	R.ITHIYSTTLR.I	0.80	F&H (2D-GIST)
gij280603	FBgn0004551	1216.58	2431.14	2431.13	0.01	0	50	0.00032	1	K.LSYWQLTHHLSCLGGGDEFK.G	0.96	F&H (2D-GIST)
gij280603	FBgn0004551	813.4	2437.18	2437.16	0.02	0	30	0.037	1	K.LSYWQLTHHLSCLGGGDEFK.G	0.85	R&H (2D-GIST)
gij280603	FBgn0004551	1216.58	2431.14	2431.13	0.02	0	76	9.10E-07	1	K.LSYWQLTHHLSCLGGGDEFK.G	0.91	R&L (2D-GIST)

gij479373	FBgn0004574	947.52	1893.03	1893.02	0.01	0	84	2.30E-07	1	R.HEHIAVVSTQVTQNLK.K	1.28	F&H (2D-GIST)
gij479373	FBgn0004574	844.87	1687.73	1687.73	0	0	44	0.00051	1	K.YSTHLHLAEDCMK.S	0.86	F&H (2D-GIST)
gij479373	FBgn0004574	947.52	1893.03	1893.02	0.01	0	82	3.60E-07	1	R.HEHIAVVSTQVTQNLK.K	0.99	R&H (2D-GIST)
gij479373	FBgn0004574	844.88	1687.74	1687.73	0.01	0	43	0.00073	1	K.YSTHLHLAEDCMK.S	1.00	R&L (2D-GIST)
gij479373	FBgn0004574	522.77	1043.52	1043.52	0	0	28	0.14	1	R.HFPFLEGR.A	1.12	R&L (2D-GIST)
gij103301	FBgn0004611	921.47	1840.92	1840.91	0.01	0	50	0.00049	1	K.AAQQVALSASHEDGGVTR.S	1.30	R&H (2D-GIST)
gij103301	FBgn0004611	770.39	1538.76	1538.75	0	0	48	0.00082	1	K.VTGEVMHQLQEAR.R	1.23	R&L (2D-GIST)
gij24583049	FBgn0004868	763.36	1524.7	1524.68	0.01	0	57	6.20E-05	1	K.EALASDLMGMEFK.R	0.91	R&L (2D-GIST)
gij480358	FBgn0004868	526.32	1050.62	1050.62	0	0	35	0.0068	1	K.LLIHTGVTR.Y	0.85	F&H (2D-GIST)
gij480358	FBgn0004868	816.92	1631.82	1631.81	0.01	0	81	5.10E-07	1	K.NTQDFTGHALALFR.D	0.95	F&H (2D-GIST)
gij24583049	FBgn0004868	816.91	1631.81	1631.81	0.01	0	79	7.30E-07	1	K.NTQDFTGHALALFR.D	1.46	R&L (2D-GIST)
gij290211	FBgn0004873	733.38	2197.1	2197.08	0.02	0	28	0.098	1	K.ISAGPQSHILEGVTWDEASR.L	0.68	F&H (2D-GIST)
gij384212	FBgn0004873	1099.56	2197.11	2197.08	0.03	0	65	1.80E-05	1	K.ISAGPQSHILEGVTWDEASR.L	1.20	F&H (2D-GIST)
gij290211	FBgn0004873	1099.56	2197.1	2197.08	0.02	0	94	2.00E-08	1	K.ISAGPQSHILEGVTWDEASR.L	0.80	R&H (2D-GIST)
gij290211	FBgn0004873	783.39	1564.76	1564.76	0	0	63	2.50E-05	1	K.WVAEGSPHSTHPVR.I	0.75	F&H (2D-GIST)
gij290211	FBgn0004873	672.32	1342.63	1342.63	0	0	28	0.069	1	K.ARPADIEQDMR.E	0.91	F&H (2D-GIST)
gij290211	FBgn0004873	567.3	1132.59	1132.59	0	1	31	0.077	1	K.LFREELER.I	1.30	F&H (2D-GIST)
gij290211	FBgn0004873	567.3	1132.59	1132.59	0	1	34	0.032	1	K.LFREELER.I	0.97	R&L (2D-GIST)
gij28574296	FBgn0004888	1023.08	2044.15	2044.13	0.02	1	54	0.00016	1	K.KGGTQHLGLPVFASVAEAK.K	0.87	F&H (2D-GIST)
gij28574296	FBgn0004888	1023.08	2044.15	2044.13	0.02	1	53	0.00018	1	K.KGGTQHLGLPVFASVAEAK.K	0.99	R&H (2D-GIST)
gij28574296	FBgn0004888	633.71	1898.11	1898.1	0.01	1	31	0.017	1	K.AKPVVSVFIAGVVSAPPGR.R.M	1.02	F&H (2D-GIST)
gij28574296	FBgn0004888	947.04	1892.08	1892.06	0.01	1	47	0.00034	1	K.AKPVVSVFIAGVVSAPPGR.R.M	0.91	F&H (2D-GIST)
gij38048587	FBgn0004888	593.82	1185.63	1185.63	0	0	37	0.021	1	K.IGIMPGHIHK.R	0.93	F&H (2D-GIST)
gij28574296	FBgn0004888	950.06	1898.11	1898.1	0.01	1	51	0.00016	1	K.AKPVVSVFIAGVVSAPPGR.R.M	0.89	R&H (2D-GIST)
gij28574296	FBgn0004888	593.82	1185.63	1185.63	0	0	45	0.0032	1	K.IGIMPGHIHK.R	0.89	R&L (2D-GIST)
gij112683	FBgn0004907	796.37	1590.73	1590.74	-0.01	0	76	6.70E-07	1	K.SVTETGVELSNEER.N	0.70	F&H (2D-GIST)
gij112683	FBgn0004907	604.3	1206.59	1206.59	0	0	65	1.50E-05	1	R.YLAEVATGDAR.N	0.71	F&H (2D-GIST)
gij112683	FBgn0004907	605.82	1209.62	1209.61	0.01	0	56	0.00015	1	R.YLAEVATGDAR.N	1.11	R&H (2D-GIST)
gij112683	FBgn0004907	796.38	1590.75	1590.74	0.01	0	64	1.60E-05	1	K.SVTETGVELSNEER.N	0.96	R&L (2D-GIST)
gij17647889	FBgn0005533	535.29	1068.57	1068.57	0	0	42	0.0028	1	K.LLDFHNIR.G	0.85	F&H (2D-GIST)
gij17647889	FBgn0005533	630.33	1258.65	1258.65	0	0	93	4.00E-08	1	K.IAGYVTHLMGR.L	0.87	F&H (2D-GIST)
gij17647889	FBgn0005533	664.85	1327.69	1327.69	0	1	43	0.0034	1	R.LTLDFHTNKR.I	0.96	F&H (2D-GIST)
gij17647889	FBgn0005533	631.84	1261.67	1261.67	0	0	94	2.90E-08	1	K.IAGYVTHLMGR.L	1.04	R&H (2D-GIST)
gij17647889	FBgn0005533	536.8	1071.59	1071.59	0	0	41	0.0042	1	K.LLDFHNIR.G	1.12	R&H (2D-GIST)
gij17647889	FBgn0005533	664.85	1327.69	1327.69	0	1	31	0.064	1	R.LTLDFHTNKR.I	0.94	R&L (2D-GIST)
gij477886	FBgn0005632	639.36	1276.7	1276.7	0	0	33	0.026	1	K.VLLHLLPCDR.Q	1.35	R&L (2D-GIST)
gij6013477	FBgn0005632	619.3	1854.89	1854.89	0	0	48	0.00058	1	R.GPVMWEYDALSHHIR.S	1.34	R&H (2D-GIST)
gij547969	FBgn0005634	805.91	1609.8	1609.79	0.01	1	65	1.50E-05	1	K.AKHEATITELEER.L	1.12	F&H (2D-GIST)
gij547969	FBgn0005634	987.47	1972.93	1972.92	0	0	61	2.50E-05	1	K.SLEEETVNHEGVLADMR.H	0.92	R&H (2D-GIST)

gi 547969	FBgn0005634	786.44	1570.87	1570.86	0.01	0	61	4.80E-05	1	K.IAHLGLSVTDMTR.A	0.93	R&H (2D-GIST)
gi 547969	FBgn0005634	808.93	1615.84	1615.83	0.01	1	34	0.024	1	K.AKHEATITELEER.L	1.08	R&H (2D-GIST)
gi 547969	FBgn0005634	716.9	1431.78	1431.78	0	1	41	0.005	1	K.REEELTQTLLR.I	0.95	F&H (2D-GIST)
gi 547969	FBgn0005634	633.33	1264.64	1264.64	0	0	66	1.30E-05	1	R.AGVLAHLEEEER.D	1.03	F&H (2D-GIST)
gi 2119295	FBgn0005634	808.93	1615.84	1615.83	0.01	1	45	0.002	1	K.AKHEATITELEER.L	0.92	R&H (2D-GIST)
gi 547969	FBgn0005634	784.93	1567.85	1567.84	0.01	0	65	2.10E-05	1	K.IAHLGLSVTDMTR.A	0.86	R&L (2D-GIST)
gi 547969	FBgn0005634	715.39	1428.76	1428.76	0	1	42	0.0044	1	K.REEELTQTLLR.I	1.01	R&L (2D-GIST)
gi 3929670	FBgn0005664	1070.91	3209.71	3209.68	0.03	1	117	6.70E-11	1	R.LTAQAIAEAQSLVEAQQASQLQLEAQNRR.E	1.09	F&H (2D-GIST)
gi 3929670	FBgn0005664	639.82	1277.63	1277.63	0.01	0	42	0.0043	1	R.FNSLEELQTR.L	0.70	F&H (2D-GIST)
gi 3929670	FBgn0005664	721.38	1440.75	1440.74	0.01	0	45	0.0024	1	R.LLNNDLWQLDR.L	0.72	F&H (2D-GIST)
gi 3929670	FBgn0005664	641.33	1280.65	1280.64	0	0	35	0.025	1	R.FNSLEELQTR.L	1.23	R&H (2D-GIST)
gi 3929670	FBgn0005664	1017.87	3050.59	3050.56	0.03	0	111	3.40E-10	1	R.LTAQAIAEAQSLVEAQQASQLQLEAQNRR.R	1.02	R&L (2D-GIST)
gi 3929670	FBgn0005664	1122.98	3365.93	3365.89	0.04	0	65	9.90E-07	1	R.LLDQQTLLLAQSLPSIQATVVSHPTLLATR.L	1.09	R&L (2D-GIST)
gi 3929670	FBgn0005664	1018.88	3053.61	3053.58	0.03	0	69	4.70E-06	1	R.LTAQAIAEAQSLVEAQQASQLQLEAQNRR.R	0.86	F&H (2D-GIST)
gi 3929670	FBgn0005664	1122.98	3365.93	3365.89	0.04	0	54	1.20E-05	1	R.LLDQQTLLLAQSLPSIQATVVSHPTLLATR.L	0.62	R&L (2D-GIST)
gi 3929670	FBgn0005664	1069.91	3206.69	3206.66	0.03	1	151	2.20E-14	1	R.LTAQAIAEAQSLVEAQQASQLQLEAQNRR.E	1.08	R&L (2D-GIST)
gi 3929670	FBgn0005664	800.94	1599.86	1599.86	0	1	81	4.90E-07	1	R.RLLNNDLWQLDR.L	0.92	F&H (2D-GIST)
gi 3929670	FBgn0005664	768.9	1535.78	1535.78	0	1	30	0.061	1	K.GQYSLIEPDGTRR.I	0.97	F&H (2D-GIST)
gi 3929670	FBgn0005664	558.78	1115.54	1115.54	0	1	28	0.076	1	R.ERDLEAWR.Q	0.88	F&H (2D-GIST)
gi 17136792	FBgn0005664	1496.18	4485.51	4485.49	0.02	1	134	8.20E-14	1	R.LLDQQTLLLAQSLPSIQATVVSHPTLLATRLPVSTTTSSSR.T	0.61	R&H (2D-GIST)
gi 3929670	FBgn0005664	800.94	1599.86	1599.86	0.01	1	62	4.30E-05	1	R.RLLNNDLWQLDR.L	1.00	R&H (2D-GIST)
gi 3929670	FBgn0005664	560.29	1118.56	1118.55	0.01	1	28	0.09	1	R.ERDLEAWR.Q	0.69	F&H (2D-GIST)
gi 17136792	FBgn0005664	560.28	1118.55	1118.55	0	1	34	0.017	1	R.ERDLEAWR.Q	1.00	R&H (2D-GIST)
gi 17136792	FBgn0005664	800.93	1599.85	1599.86	-0.01	1	38	0.011	1	R.RLLNNDLWQLDR.L	1.17	R&H (2D-GIST)
gi 45552151	FBgn0005666	789.87	1577.73	1577.72	0.01	0	42	0.0014	1	K.DFYQTNEANIYR.L	1.21	F&H (2D-GIST)
gi 45552151	FBgn0005666	929.03	1856.04	1856.03	0.01	1	64	1.80E-05	1	R.KVESFLSPLIDQFAK.E	0.93	R&H (2D-GIST)
gi 45552151	FBgn0005666	880.91	1759.8	1759.82	-0.01	0	39	0.0032	1	K.AHVPELTNGGEYFR.V	0.83	F&H (2D-GIST)
gi 45552151	FBgn0005666	754.42	1506.82	1506.82	0.01	1	54	0.00021	1	K.SLLNDITVHAGKR.L	0.87	F&H (2D-GIST)
gi 45552151	FBgn0005666	931.46	1860.9	1860.9	0.01	0	91	4.20E-08	1	K.AGPGSPDATETHVARPK.N	0.98	F&H (2D-GIST)
gi 45552151	FBgn0005666	1134.64	2267.26	2267.24	0.02	0	39	0.0049	1	R.RPSVQDLEDLINKPSTPLR.D	0.84	R&H (2D-GIST)
gi 7512013	FBgn0005666	798.41	1594.81	1594.8	0.01	0	38	0.0088	1	R.EIDIMNQLHHQK.L	1.13	R&H (2D-GIST)
gi 7512013	FBgn0005666	897.42	1792.83	1792.84	-0.01	0	33	0.011	1	R.NTHYDVMGLEPHYK.Y	1.20	R&H (2D-GIST)
gi 45552151	FBgn0005666	819.88	1637.75	1637.75	0	0	43	0.0011	1	R.ADNLIENHDYSFR.V	0.89	F&H (2D-GIST)
gi 103319	FBgn0005666	880.92	1759.82	1759.82	0	0	39	0.0041	1	K.AHVPELTNGGEYFR.V	0.81	R&L (2D-GIST)
gi 45552151	FBgn0005666	1265.32	3792.95	3792.92	0.03	1	31	0.02	1	K.FVPQPVEISQQSVYDRYDILEEIGTGAFGVVHR.C	0.75	F&H (2D-GIST)
gi 45552151	FBgn0005666	903.77	2708.3	2708.3	0	0	46	0.0011	1	R.VLAVNEAGPGHPSKPSDPMATAEHR.Y	0.81	F&H (2D-GIST)
gi 45552151	FBgn0005666	806.39	2416.15	2416.14	0.01	0	60	4.40E-05	1	K.NEHGSFDASAHATVLDLRPSPPK.G	0.90	F&H (2D-GIST)
gi 7512013	FBgn0005666	905.79	2714.34	2714.34	0.01	0	57	9.10E-05	1	R.VLAVNEAGPGHPSKPSDPMATAEHR.Y	0.99	R&H (2D-GIST)
gi 7512013	FBgn0005666	1264.32	3789.94	3789.9	0.04	1	60	2.60E-05	1	K.FVPQPVEISQQSVYDRYDILEEIGTGAFGVVHR.C	0.89	R&L (2D-GIST)

gij45552151	FBgn0005666	809.05	2424.13	2424.13	0	0	31	0.021	1	R.MTAHECLLHPWLTGDHSAMK.Q	0.70	F&H (2D-GIST)
gij7512013	FBgn0005666	807.04	2418.1	2418.09	0.01	0	50	0.00024	1	R.MTAHECLLHPWLTGDHSAMK.Q	1.09	R&L (2D-GIST)
gij45552151	FBgn0005666	1021.48	2040.94	2040.93	0.01	0	46	0.00078	1	R.STWSDAGMSTHIVHDVTR.L	1.35	R&L (2D-GIST)
gij103319	FBgn0005666	806.39	2416.15	2416.14	0.01	0	52	0.00027	1	K.NEHGSFDASAHATVLDLRPSPPK.G	1.46	R&L (2D-GIST)
gij24646341	FBgn0005671	1112.1	2222.19	2222.17	0.02	0	74	1.80E-06	1	K.IPIFSAAGLPHNEIAAQICR.Q	0.95	F&H (2D-GIST)
gij24646341	FBgn0005671	1112.09	2222.18	2222.17	0	0	82	3.20E-07	1	K.IPIFSAAGLPHNEIAAQICR.Q	0.86	R&H (2D-GIST)
gij24646341	FBgn0005671	740.73	2219.16	2219.15	0.01	0	60	5.20E-05	1	K.IPIFSAAGLPHNEIAAQICR.Q	0.90	R&L (2D-GIST)
gij24646341	FBgn0005671	525.63	1573.87	1573.86	0	1	50	0.00046	1	K.RIPASILAEFYPR.D	0.79	F&H (2D-GIST)
gij24646341	FBgn0005671	787.94	1573.87	1573.86	0.01	1	72	2.60E-06	1	K.RIPASILAEFYPR.D	0.86	F&H (2D-GIST)
gij24646341	FBgn0005671	980.52	1959.02	1959.01	0.01	0	117	1.30E-10	1	K.HVLVILTDMSYAEALR.E	1.43	F&H (2D-GIST)
gij24646341	FBgn0005671	526.63	1576.88	1576.88	0	1	46	0.0012	1	K.RIPASILAEFYPR.D	1.04	R&H (2D-GIST)
gij24646341	FBgn0005671	789.45	1576.89	1576.88	0.01	1	69	5.70E-06	1	K.RIPASILAEFYPR.D	1.06	R&H (2D-GIST)
gij24646341	FBgn0005671	980.52	1959.02	1959.01	0.01	0	116	1.70E-10	1	K.HVLVILTDMSYAEALR.E	1.05	R&L (2D-GIST)
gij24646341	FBgn0005671	982.01	1962.01	1962.03	-0.02	0	28	0.11	1	K.HVLVILTDMSYAEALR.E	0.84	R&H (2D-GIST)
gij24646341	FBgn0005671	982.03	1962.04	1962.03	0.01	0	100	6.10E-09	1	K.HVLVILTDMSYAEALR.E	1.23	R&H (2D-GIST)
gij17647193	FBgn0008635	800.4	1598.8	1598.79	0.01	0	82	4.20E-07	1	R.NAFLMLLHADQER.A	0.82	F&H (2D-GIST)
gij17647193	FBgn0008635	800.41	1598.8	1598.79	0.01	0	69	9.00E-06	1	R.NAFLMLLHADQER.A	1.11	R&L (2D-GIST)
gij17647193	FBgn0008635	775.74	2324.2	2324.21	-0.01	0	58	9.30E-05	1	K.LVERPVPVVLAPHDFCNIA	0.83	F&H (2D-GIST)
gij17647193	FBgn0008635	775.75	2324.21	2324.21	0	0	54	0.00022	1	K.LVERPVPVVLAPHDFCNIA	1.05	R&L (2D-GIST)
gij1350673	FBgn0010078	783.43	1564.85	1564.84	0.01	0	38	0.011	1	R.LPAAGVGDMPVATVK.K	0.76	F&H (2D-GIST)
gij1350673	FBgn0010078	780.42	1558.82	1558.81	0.01	0	33	0.04	1	R.LPAAGVGDMPVATVK.K	0.92	R&L (2D-GIST)
gij1350673	FBgn0010078	648.88	1295.74	1295.73	0	0	65	1.10E-05	1	K.NLYVIAVHGIR.G	1.03	F&H (2D-GIST)
gij1350673	FBgn0010078	648.88	1295.74	1295.73	0	0	40	0.0055	1	K.NLYVIAVHGIR.G	0.95	R&L (2D-GIST)
gij17864292	FBgn0010100	950.5	1898.98	1898.96	0.02	0	43	0.0034	1	K.VLYSHLDDPANQDIVR.G	0.96	F&H (2D-GIST)
gij17864292	FBgn0010100	950.49	1898.96	1898.96	0.01	0	47	0.001	1	K.VLYSHLDDPANQDIVR.G	0.90	R&H (2D-GIST)
gij17864292	FBgn0010100	1159.62	2317.22	2317.2	0.02	0	33	0.026	1	K.VAVPSTVHCDHLIEAQIGGPK.D	0.95	R&H (2D-GIST)
gij17864292	FBgn0010100	1343.68	2685.35	2685.33	0.03	0	74	2.00E-06	1	R.NDANPATHCFVTSPELVITALSIAGR.L	1.27	R&H (2D-GIST)
gij1174382	FBgn0010213	1211.57	2421.12	2421.12	0	0	78	4.40E-07	1	K.HHQTYVNNLNAAEEQLEEK.S	0.96	F&H (2D-GIST)
gij1174382	FBgn0010213	1362.66	2723.3	2723.28	0.02	0	40	0.0031	1	K.NVRPSYVEAIWDIANWDDISCR.F	0.79	R&H (2D-GIST)
gij1174382	FBgn0010213	1186.1	2370.19	2370.18	0.01	0	40	0.0057	1	R.FNGGGHINHTIFWQNLSPNK.T	1.09	R&H (2D-GIST)
gij1174382	FBgn0010213	1211.57	2421.13	2421.12	0.01	0	89	4.40E-08	1	K.HHQTYVNNLNAAEEQLEEK.S	0.92	R&L (2D-GIST)
gij38048209	FBgn0010217	774.46	1546.9	1546.89	0.01	0	43	0.0015	1	K.TVLIMELINNVAK.-	0.73	F&H (2D-GIST)
gij287945	FBgn0010217	1017.04	2032.07	2032.06	0.01	0	46	0.0013	1	R.AIAELGIYPAVDPLDSTSR.I	0.90	F&H (2D-GIST)
gij542579	FBgn0010217	652.83	1303.65	1303.64	0.01	0	81	5.10E-07	1	R.TIAMDGTEGLVR.G	0.60	F&H (2D-GIST)
gij542579	FBgn0010217	1024.03	2046.05	2046.02	0.02	0	39	0.0072	1	R.FLSQPQVVAEVFTGHAGK.L	0.61	F&H (2D-GIST)
gij542579	FBgn0010217	562.83	1123.65	1123.65	0	0	35	0.0069	1	K.LVPLEQTIK.G	0.70	F&H (2D-GIST)
gij542579	FBgn0010217	822.42	1642.83	1642.81	0.01	0	66	1.80E-05	1	K.VALVYQGMNEPPGAR.A	0.76	F&H (2D-GIST)
gij542579	FBgn0010217	705.39	1408.77	1408.76	0.01	0	73	2.50E-06	1	R.IINVIGEPIDER.G	0.76	F&H (2D-GIST)
gij542579	FBgn0010217	586.84	1171.66	1171.65	0.01	0	41	0.005	1	K.VVDLLAPYAK.G	0.88	F&H (2D-GIST)

gij287945	FBgn0010217	685.03	2052.07	2052.06	0.01	0	31	0.054	1	R.FLSQPFQVAEVFTGHAGK.L	0.73	R&H (2D-GIST)
gij34420414	FBgn0010217	1149.07	2296.12	2296.09	0.03	0	58	6.70E-05	1	R.IPSAVGYQPTLATDMGSMQER.I	0.78	R&H (2D-GIST)
gij34420414	FBgn0010217	823.93	1645.84	1645.83	0.01	0	73	2.90E-06	1	K.VALVYQGMNEPPGAR.A	0.89	R&H (2D-GIST)
gij38048209	FBgn0010217	589.85	1177.69	1177.69	0.01	0	47	0.00084	1	K.VVDLLAPYAK.G	1.02	R&H (2D-GIST)
gij34420414	FBgn0010217	1027.05	2052.09	2052.06	0.03	0	52	0.00045	1	R.FLSQPFQVAEVFTGHAGK.L	1.10	R&H (2D-GIST)
gij38048209	FBgn0010217	705.39	1408.76	1408.76	0.01	0	73	2.80E-06	1	R.IINVIGEPIDER.G	0.95	R&L (2D-GIST)
gij287945	FBgn0010217	562.83	1123.65	1123.65	0	0	44	0.00076	1	K.LVPLEQTIK.G	1.06	R&L (2D-GIST)
gij38048209	FBgn0010217	652.83	1303.65	1303.64	0.01	0	76	1.70E-06	1	R.TIAMDGTEGLVR.G	1.07	R&L (2D-GIST)
gij287945	FBgn0010217	957.99	1913.96	1913.95	0.01	0	46	0.0014	1	R.IMDPNIIGQEHYNVAR.G	0.95	F&H (2D-GIST)
gij287945	FBgn0010217	573.98	1718.93	1718.93	0	0	64	1.70E-05	1	R.LVLEVAQHLGENTVR.T	0.50	F&H (2D-GIST)
gij287945	FBgn0010217	860.48	1718.94	1718.93	0.01	0	109	4.60E-10	1	R.LVLEVAQHLGENTVR.T	0.65	F&H (2D-GIST)
gij287945	FBgn0010217	957.99	1913.96	1913.95	0.01	0	67	1.00E-05	1	R.IMDPNIIGQEHYNVAR.G	0.81	R&H (2D-GIST)
gij287945	FBgn0010217	861.98	1721.95	1721.95	0	0	88	8.00E-08	1	R.LVLEVAQHLGENTVR.T	0.82	R&H (2D-GIST)
gij287945	FBgn0010217	724.85	1447.68	1447.68	0	0	63	2.10E-05	1	K.AHGGYSVFAGVGER.T	0.66	F&H (2D-GIST)
gij287945	FBgn0010217	860.48	1718.94	1718.93	0.01	0	99	5.10E-09	1	R.LVLEVAQHLGENTVR.T	0.86	F&H (2D-GIST)
gij2493029	FBgn0010217	861.98	1721.95	1721.95	0	0	98	7.70E-09	1	R.LVLEVAQHLGENTVR.T	0.78	R&H (2D-GIST)
gij2493029	FBgn0010217	573.99	1718.94	1718.93	0	0	66	1.20E-05	1	R.LVLEVAQHLGENTVR.T	0.76	R&L (2D-GIST)
gij34420414	FBgn0010217	724.85	1447.69	1447.68	0.01	0	82	2.90E-07	1	K.AHGGYSVFAGVGER.T	1.28	R&L (2D-GIST)
gij2493029	FBgn0010217	861.98	1721.96	1721.95	0	0	76	1.20E-06	1	R.LVLEVAQHLGENTVR.T	0.91	R&H (2D-GIST)
gij2493029	FBgn0010217	860.48	1718.94	1718.93	0.01	0	114	1.50E-10	1	R.LVLEVAQHLGENTVR.T	0.35	F&H (2D-GIST)
gij2493029	FBgn0010217	861.99	1721.96	1721.95	0.01	0	64	1.90E-05	1	R.LVLEVAQHLGENTVR.T	0.66	R&H (2D-GIST)
gij464992	FBgn0010288	789.36	2365.06	2365.06	0	0	38	0.003	1	K.FTADHEALAQEGQTNAANHEK.V	0.97	R&L (2D-GIST)
gij464992	FBgn0010288	690.92	1379.82	1379.82	0	0	47	0.00069	1	K.VIHFFIALVNK.E	0.96	F&H (2D-GIST)
gij464992	FBgn0010288	690.92	1379.83	1379.82	0.01	0	53	0.00016	1	K.VIHFFIALVNK.E	1.08	R&H (2D-GIST)
gij25012868	FBgn0010352	769.37	1536.72	1536.72	0	0	59	4.10E-05	1	K.NAELVWAQEEHK.N	0.71	F&H (2D-GIST)
gij25012868	FBgn0010352	769.37	1536.73	1536.72	0.01	0	57	7.50E-05	1	K.NAELVWAQEEHK.N	1.05	R&L (2D-GIST)
gij25012868	FBgn0010352	598.81	1195.61	1195.61	0	0	42	0.0035	1	K.YHLGTYIER.L	0.80	F&H (2D-GIST)
gij25012868	FBgn0010352	550.8	1099.58	1099.58	0	0	60	8.00E-05	1	R.FLTALNHSR.D	0.65	F&H (2D-GIST)
gij25012868	FBgn0010352	612.32	1222.63	1222.63	0	0	64	2.40E-05	1	K.EETLIHIGNR.F	0.89	F&H (2D-GIST)
gij25012868	FBgn0010352	613.83	1225.65	1225.65	0	0	40	0.0051	1	K.EETLIHIGNR.F	1.26	R&H (2D-GIST)
gij25012868	FBgn0010352	597.3	1192.59	1192.59	0.01	0	37	0.012	1	K.YHLGTYIER.L	0.85	R&L (2D-GIST)
gij28574585	FBgn0010352	851.39	2551.15	2551.14	0	0	68	2.80E-06	1	R.QSGLVMLLPHGMGMEGMPHESSCR.V	0.87	R&L (2D-GIST)
gij1079110	FBgn0010397	858.94	1715.87	1715.87	0	0	69	8.30E-06	1	R.HNQYIASLEAELQR.M	0.93	F&H (2D-GIST)
gij1079110	FBgn0010397	1213.57	2425.13	2425.13	0	1	59	2.70E-05	1	R.MRDEMAHQLQEYQGLMDIK.V	1.00	F&H (2D-GIST)
gij729915	FBgn0010397	771.91	1541.81	1541.8	0.01	1	44	0.0033	1	R.IRELENLLDTER.Q	0.70	F&H (2D-GIST)
gij729915	FBgn0010397	857.43	1712.85	1712.85	0	0	59	8.20E-05	1	R.HNQYIASLEAELQR.I	1.03	F&H (2D-GIST)
gij1079110	FBgn0010397	773.42	1544.82	1544.82	0	1	32	0.049	1	R.IRELENLLDTER.Q	0.85	R&H (2D-GIST)
gij1079110	FBgn0010397	857.43	1712.85	1712.85	0	0	64	2.60E-05	1	R.HNQYIASLEAELQR.M	1.24	R&L (2D-GIST)
gij1079110	FBgn0010397	982.15	2943.44	2943.44	0	0	71	2.90E-06	1	R.LNIESPGRPTTDSGISSNGSHLTASASSR.S	1.58	F&H (2D-GIST)

gij1079110	FBgn0010397	982.15	2943.42	2943.44	-0.02	0	37	0.0062	1	R.LNIESPGRPTTDSGISSNGSHLTASASSR.S	0.89	R&H (2D-GIST)
gij730639	FBgn0010412	525.79	1049.56	1049.56	0	0	59	6.30E-05	1	K.ALQALEHAR.L	0.85	F&H (2D-GIST)
gij730639	FBgn0010412	610.84	1219.67	1219.67	0	1	70	4.50E-06	1	R.KALQALEHAR.L	0.95	F&H (2D-GIST)
gij24642576	FBgn0010412	610.84	1219.67	1219.67	0	1	69	5.50E-06	1	R.KALQALEHAR.L	1.16	R&L (2D-GIST)
gij17136892	FBgn0010426	1017.18	3048.53	3048.52	0.01	1	75	1.40E-06	1	R.HVIDAHTSPVPAVLEIPSKDHPYDASK.D	0.93	F&H (2D-GIST)
gij17136892	FBgn0010426	1017.18	3048.53	3048.52	0.01	1	64	1.90E-05	1	R.HVIDAHTSPVPAVLEIPSKDHPYDASK.D	0.98	R&L (2D-GIST)
gij17136892	FBgn0010426	720.86	1439.7	1439.7	0	1	49	0.0006	1	K.NRHPNFMVVDK.N	1.38	R&L (2D-GIST)
gij7511828	FBgn0010434	967.49	1932.97	1932.96	0.01	0	102	3.70E-09	1	K.SPLFTTSATTGPHVEST.R.V	1.03	F&H (2D-GIST)
gij7511828	FBgn0010434	826.9	1651.78	1651.78	0	0	93	1.80E-08	1	K.NIDGVTHNVEEEVR.N	0.91	F&H (2D-GIST)
gij7511828	FBgn0010434	967.49	1932.97	1932.96	0	0	88	8.90E-08	1	K.SPLFTTSATTGPHVEST.R.V	0.89	R&H (2D-GIST)
gij7511828	FBgn0010434	828.41	1654.8	1654.8	0	0	75	1.00E-06	1	K.NIDGVTHNVEEEVR.N	1.08	R&H (2D-GIST)
gij16769674	FBgn0010551	921.53	1841.05	1841.03	0.02	0	33	0.015	1	R.VLSRPDSLNLPLYLHK.Q	1.27	F&H (2D-GIST)
gij16769674	FBgn0010551	894.97	1787.93	1787.92	0.01	0	117	1.20E-10	1	R.LGGIQSDIYSEGLHVR.I	0.95	F&H (2D-GIST)
gij16769674	FBgn0010551	921.53	1841.04	1841.03	0.01	0	35	0.011	1	R.VLSRPDSLNLPLYLHK.Q	1.07	R&H (2D-GIST)
gij16769674	FBgn0010551	894.97	1787.93	1787.92	0.01	0	81	4.90E-07	1	R.LGGIQSDIYSEGLHVR.I	0.96	F&H (2D-GIST)
gij16769674	FBgn0010551	894.97	1787.93	1787.92	0	0	91	4.50E-08	1	R.LGGIQSDIYSEGLHVR.I	0.97	R&H (2D-GIST)
gij1154645	FBgn0010808	1344.7	2687.39	2687.37	0.02	0	76	1.30E-06	1	K.VSSYPAAVPIYVQGGGHTISAADVQR.Q	1.03	R&H (2D-GIST)
gij1154645	FBgn0010808	757.38	1512.74	1512.73	0	1	37	0.0097	1	K.EYANAVENVHKR.F	1.06	F&H (2D-GIST)
gij24658560	FBgn0011211	653.34	1304.67	1304.67	0.01	0	33	0.03	1	R.SAEISNILEER.I	0.85	F&H (2D-GIST)
gij24658560	FBgn0011211	628.33	1254.65	1254.65	0.01	0	99	8.20E-09	1	R.VVDALGNAIDGK.G	0.73	F&H (2D-GIST)
gij24658560	FBgn0011211	687.37	1372.72	1372.71	0.01	0	44	0.0031	1	K.TSEQALLDTIAK.D	0.75	F&H (2D-GIST)
gij24658560	FBgn0011211	826.96	1651.9	1651.88	0.02	0	63	2.90E-05	1	R.TGAIVDVVPVGDDELLGR.V	0.76	F&H (2D-GIST)
gij24658560	FBgn0011211	692.89	1383.77	1383.76	0.01	0	75	2.00E-06	1	K.TALAITIINQK.R	0.79	F&H (2D-GIST)
gij24658560	FBgn0011211	1204.11	2406.21	2406.18	0.03	0	66	1.80E-05	1	R.EVAFAAQFGSDLDAAATQQLLNR.G	0.94	F&H (2D-GIST)
gij24658560	FBgn0011211	803.07	2406.19	2406.18	0.01	0	73	3.30E-06	1	R.EVAFAAQFGSDLDAAATQQLLNR.G	1.17	F&H (2D-GIST)
gij24658560	FBgn0011211	690.38	1378.75	1378.75	0.01	0	54	0.00025	1	K.TSEQALLDTIAK.D	0.71	R&H (2D-GIST)
gij24658560	FBgn0011211	1205.61	2409.21	2409.2	0.01	0	72	3.10E-06	1	R.EVAFAAQFGSDLDAAATQQLLNR.G	0.81	R&H (2D-GIST)
gij24658560	FBgn0011211	803.07	2406.2	2406.18	0.02	0	70	6.40E-06	1	R.EVAFAAQFGSDLDAAATQQLLNR.G	0.79	R&L (2D-GIST)
gij24658560	FBgn0011211	628.33	1254.65	1254.65	0.01	0	75	1.90E-06	1	R.VVDALGNAIDGK.G	0.86	R&L (2D-GIST)
gij24658560	FBgn0011211	826.95	1651.89	1651.88	0.01	0	53	0.00027	1	R.TGAIVDVVPVGDDELLGR.V	0.96	R&L (2D-GIST)
gij24658560	FBgn0011211	651.83	1301.66	1301.65	0.01	0	68	1.10E-05	1	R.SAEISNILEER.I	1.06	R&L (2D-GIST)
gij24658560	FBgn0011211	692.89	1383.77	1383.76	0.01	0	81	4.20E-07	1	K.TALAITIINQK.R	1.08	R&L (2D-GIST)
gij24658560	FBgn0011211	740.94	1479.86	1479.85	0	0	56	7.20E-05	1	K.GIRPAINVGLSVSR.V	0.77	F&H (2D-GIST)
gij24658560	FBgn0011211	798.38	1594.74	1594.74	0	0	55	0.00011	1	R.EAYPGDVFYLHSR.L	0.78	F&H (2D-GIST)
gij24658560	FBgn0011211	742.45	1482.88	1482.87	0.01	0	45	0.00091	1	K.GIRPAINVGLSVSR.V	1.05	R&H (2D-GIST)
gij24658560	FBgn0011211	799.89	1597.76	1597.76	0	0	42	0.0021	1	R.EAYPGDVFYLHSR.L	1.38	R&H (2D-GIST)
gij542542	FBgn0011272	585.84	1169.67	1169.67	0	0	29	0.076	1	K.LILFPINEK.K	0.71	F&H (2D-GIST)
gij542542	FBgn0011272	588.87	1175.72	1175.71	0.01	0	29	0.038	1	K.LILFPINEK.K	0.89	R&H (2D-GIST)
gij542542	FBgn0011272	768.86	1535.7	1535.69	0	0	29	0.04	1	K.GNNMIPNQHYHK.W	0.98	F&H (2D-GIST)

gij730662	FBgn0011284	670.37	1338.72	1338.72	0	0	50	0.00063	1	R.HPGSFDIVHIK.D	0.88	F&H (2D-GIST)
gij730662	FBgn0011284	805.95	1609.89	1609.88	0	0	44	0.0023	1	K.LGGVFAPRPSTGPHK.L	1.16	F&H (2D-GIST)
gij730662	FBgn0011284	540.28	1617.83	1617.83	0.01	1	57	0.00013	1	R.ERHPGSFDIVHIK.D	0.70	F&H (2D-GIST)
gij730662	FBgn0011284	809.92	1617.83	1617.83	0.01	1	52	0.00047	1	R.ERHPGSFDIVHIK.D	0.91	R&L (2D-GIST)
gij730662	FBgn0011284	540.28	1617.83	1617.83	0	1	62	3.90E-05	1	R.ERHPGSFDIVHIK.D	0.92	R&L (2D-GIST)
gij28573630	FBgn0011643	703.99	2108.94	2108.93	0.01	0	60	2.50E-05	1	K.GYGFGGGAGCLSTDTGAHLNR.E	0.98	F&H (2D-GIST)
gij28573630	FBgn0011643	747	2237.98	2237.98	0.01	1	68	2.20E-06	1	K.GYGFGGGAGCLSTDTGAHLNR.E-	1.03	F&H (2D-GIST)
gij28573630	FBgn0011643	1055.48	2108.94	2108.93	0.01	0	105	7.60E-10	1	K.GYGFGGGAGCLSTDTGAHLNR.E	1.16	F&H (2D-GIST)
gij28573630	FBgn0011643	1120	2237.99	2237.98	0.01	1	108	2.20E-10	1	K.GYGFGGGAGCLSTDTGAHLNR.E-	1.45	F&H (2D-GIST)
gij28573630	FBgn0011643	1121.51	2241.01	2240.99	0.02	1	66	7.70E-06	1	K.GYGFGGGAGCLSTDTGAHLNR.E-	0.81	R&H (2D-GIST)
gij28573630	FBgn0011643	1056.99	2111.96	2111.95	0.01	0	66	4.70E-06	1	K.GYGFGGGAGCLSTDTGAHLNR.E	0.92	R&H (2D-GIST)
gij28573630	FBgn0011643	1056.98	2111.95	2111.95	0	0	73	6.20E-07	1	K.GYGFGGGAGCLSTDTGAHLNR.E	1.42	F&H (2D-GIST)
gij28573630	FBgn0011643	704.99	2111.96	2111.95	0.01	0	56	4.40E-05	1	K.GYGFGGGAGCLSTDTGAHLNR.E	1.35	R&H (2D-GIST)
gij28573630	FBgn0011643	1120	2237.98	2237.98	0	1	111	9.30E-11	1	K.GYGFGGGAGCLSTDTGAHLNR.E-	0.80	R&L (2D-GIST)
gij28573630	FBgn0011643	1055.48	2108.94	2108.93	0.01	0	108	3.70E-10	1	K.GYGFGGGAGCLSTDTGAHLNR.E	0.93	R&L (2D-GIST)
gij17737681	FBgn0011712	1097.09	2192.17	2192.15	0.02	0	65	1.60E-05	1	R.AALCHLSVDLLNAQHAIEK.Y	1.04	R&H (2D-GIST)
gij17737681	FBgn0011712	731.73	2192.17	2192.15	0.01	0	45	0.0016	1	R.AALCHLSVDLLNAQHAIEK.Y	1.19	R&H (2D-GIST)
gij17737681	FBgn0011712	1087.51	2173	2173	0	0	38	0.0033	1	K.HHQSIAMEYSDPNLAK.S	1.14	F&H (2D-GIST)
gij17737681	FBgn0011712	817.85	1633.69	1633.7	-0.01	0	100	7.00E-10	1	K.AGECFCEAATLHAR.A	0.72	F&H (2D-GIST)
gij17737681	FBgn0011712	817.86	1633.7	1633.7	0.01	0	85	3.60E-08	1	K.AGECFCEAATLHAR.A	1.20	R&L (2D-GIST)
gij17530883	FBgn0011770	1122.27	3363.78	3363.76	0.02	0	41	0.0018	1	K.AAGILADVAADNIQLLADLYHLQHLHGNVSK.T	0.84	F&H (2D-GIST)
gij17530883	FBgn0011770	543.64	1627.9	1627.89	0	0	54	0.00019	1	K.ALIGHFQIAQVPHR.H	0.69	F&H (2D-GIST)
gij929571	FBgn0013334	745.93	1489.84	1489.83	0.01	1	42	0.004	1	K.IKEEILGLSQDR.R	0.85	F&H (2D-GIST)
gij24647307	FBgn0013334	745.92	1489.83	1489.83	0.01	1	71	5.10E-06	1	K.IKEEILGLSQDR.R	1.04	R&H (2D-GIST)
gij929571	FBgn0013334	823.97	1645.93	1645.93	0.01	2	53	0.00022	1	K.IKEEILGLSQDRR.N	0.93	F&H (2D-GIST)
gij929571	FBgn0013334	823.98	1645.94	1645.93	0.01	2	34	0.017	1	K.IKEEILGLSQDRR.N	1.10	R&H (2D-GIST)
gij929571	FBgn0013334	820.95	1639.89	1639.89	0.01	2	46	0.0015	1	K.IKEEILGLSQDRR.N	0.93	F&H (2D-GIST)
gij929571	FBgn0013334	823.97	1645.93	1645.93	0.01	2	45	0.0015	1	K.IKEEILGLSQDRR.N	1.04	R&H (2D-GIST)
gij730352	FBgn0013726	1008.57	2015.13	2015.13	0.01	0	63	1.60E-05	1	K.EHQQAQKPKPPLPVR.Q	1.06	R&H (2D-GIST)
gij730352	FBgn0013726	784.86	1567.71	1567.71	0	0	76	5.50E-07	1	K.DVTNNVHYENYR.C	0.75	F&H (2D-GIST)
gij24653493	FBgn0013733	815.92	1629.82	1629.82	0.01	0	67	1.40E-05	1	R.EFVSDVIGHQADLR.F	0.98	F&H (2D-GIST)
gij6690788	FBgn0013733	937.16	2808.45	2808.42	0.03	0	43	0.0024	1	K.LLEASLAGLEDNEHWISELENELAR.H	0.69	R&H (2D-GIST)
gij24653493	FBgn0013733	899.96	1797.91	1797.9	0.01	0	29	0.07	1	R.VQALFDWLDHAEHK.L	0.90	R&H (2D-GIST)
gij24653493	FBgn0013733	966.52	1931.03	1931.01	0.01	2	52	0.00035	1	R.KPANDSDKIHDEVKRL	0.94	R&H (2D-GIST)
gij24653493	FBgn0013733	957.96	1913.9	1913.88	0.02	0	52	0.00018	1	R.AAGGDADHLTSEVDGLADR.M	0.95	R&H (2D-GIST)
gij7511951	FBgn0013733	838.96	1675.91	1675.9	0.01	0	49	0.0008	1	R.LPHVEPLSSAESPIR.Q	1.01	R&H (2D-GIST)
gij7511951	FBgn0013733	815.92	1629.82	1629.82	0	0	43	0.0027	1	R.EFVSDVIGHQADLR.F	1.05	R&H (2D-GIST)
gij24653493	FBgn0013733	899.47	1796.93	1796.92	0.01	0	78	9.60E-07	1	R.HEIDQTKPEVEQVR.R	1.09	R&H (2D-GIST)
gij24653493	FBgn0013733	689.39	1376.76	1376.75	0	2	30	0.07	1	R.RLEAGRDELTK.L	0.77	F&H (2D-GIST)

gij6690788	FBgn0013733	938.97	1875.93	1875.91	0.02	0	89	6.70E-08	1	R.FHMLQNAQMALDFLR.Y	1.20	R&L (2D-GIST)
gij6690788	FBgn0013733	937.47	2809.38	2809.37	0.01	0	48	0.0008	1	K.HFQELGHDVVDHLAGTPDAQAVEIK.L	0.89	F&H (2D-GIST)
gij21483436	FBgn0013733	858.41	2572.21	2572.22	-0.02	0	65	9.90E-06	1	R.LNENGPVHGDLETVQGLCEHHK.H	0.80	R&H (2D-GIST)
gij7511874	FBgn0013733	937.47	2809.38	2809.37	0.02	0	49	0.00059	1	K.HFQELGHDVVDHLAGTPDAQAVEIK.L	0.67	R&L (2D-GIST)
gij24653493	FBgn0013733	702.36	2104.07	2104.06	0	0	42	0.0041	1	K.SAQNALPLVQQFHEAHNR.L	1.35	F&H (2D-GIST)
gij24653493	FBgn0013733	714.38	2140.12	2140.13	-0.01	0	49	0.0008	1	R.DGHNLLSLLEVLSGEHLPR.E	1.03	F&H (2D-GIST)
gij24653493	FBgn0013733	896.17	2685.48	2685.45	0.03	0	44	0.00091	1	R.LLVSAHKPTLQHqidTHEPIYR.E	1.42	R&H (2D-GIST)
gij6690788	FBgn0013733	714.39	2140.14	2140.13	0.01	0	59	6.90E-05	1	R.DGHNLLSLLEVLSGEHLPR.E	0.74	R&L (2D-GIST)
gij6690788	FBgn0013733	701.36	2101.05	2101.05	0	0	36	0.017	1	K.SAQNALPLVQQFHEAHNR.L	1.07	R&L (2D-GIST)
gij6690788	FBgn0013733	856.41	2566.21	2566.19	0.02	0	49	0.00047	1	R.LNENGPVHGDLETVQGLCEHHK.H	1.34	R&L (2D-GIST)
gij24653493	FBgn0013733	896.15	2685.44	2685.45	-0.02	0	30	0.035	1	R.LLVSAHKPTLQHqidTHEPIYR.E	0.83	F&H (2D-GIST)
gij24648810	FBgn0013759	661.92	1321.83	1321.82	0	0	38	0.00079	1	R.IRPAPVLIFVR.A	0.89	F&H (2D-GIST)
gij2133707	FBgn0013759	748.39	1494.78	1494.77	0.01	1	45	0.002	1	R.THLADTVEELKR.Y	1.11	F&H (2D-GIST)
gij3929615	FBgn0013759	617.87	1233.72	1233.72	0	0	73	1.20E-06	1	K.TLVLLGAHGVGR.R	0.80	F&H (2D-GIST)
gij3929615	FBgn0013759	810.94	1619.87	1619.87	0.01	0	59	6.30E-05	1	R.LSITEVLDHPWIR.D	0.94	F&H (2D-GIST)
gij3929615	FBgn0013759	679.87	1357.72	1357.71	0	0	42	0.005	1	R.LHQFLQLFDR.I	1.01	F&H (2D-GIST)
gij24648810	FBgn0013759	661.92	1321.83	1321.82	0	0	32	0.004	1	R.IRPAPVLIFVR.A	1.04	R&L (2D-GIST)
gij3929615	FBgn0013759	810.95	1619.88	1619.87	0.01	0	40	0.0045	1	R.LSITEVLDHPWIR.D	1.21	R&L (2D-GIST)
gij24648810	FBgn0013759	617.87	1233.73	1233.72	0.01	0	60	2.10E-05	1	K.TLVLLGAHGVGR.R	1.25	R&L (2D-GIST)
gij17647459	FBgn0013969	867.49	1732.97	1732.96	0.01	0	35	0.0095	1	R.IWHVPTSQTQLLLR.C	0.90	F&H (2D-GIST)
gij17647459	FBgn0013969	867.49	1732.98	1732.96	0.01	0	43	0.0015	1	R.IWHVPTSQTQLLLR.C	1.08	R&L (2D-GIST)
gij773424	FBgn0013969	537.26	1072.51	1072.51	0	0	34	0.018	1	K.HWAFSDIR.T	1.17	R&L (2D-GIST)
gij17137088	FBgn0014009	709.84	1417.67	1417.67	0	0	28	0.071	1	R.EHGLVFMETSAR.T	0.63	F&H (2D-GIST)
gij17137088	FBgn0014009	887.93	1773.85	1773.83	0.01	0	59	8.20E-05	1	R.ETFNHLTTWLEDAR.Q	1.03	F&H (2D-GIST)
gij17137088	FBgn0014009	711.35	1420.69	1420.68	0.01	0	31	0.034	1	R.EHGLVFMETSAR.T	1.08	R&H (2D-GIST)
gij17137088	FBgn0014009	887.93	1773.84	1773.83	0.01	0	63	2.70E-05	1	R.ETFNHLTTWLEDAR.Q	1.03	R&L (2D-GIST)
gij2119083	FBgn0014027	904.99	1807.96	1807.95	0.01	0	70	8.00E-06	1	K.SLIADGLVHGHIQACK.A	0.92	F&H (2D-GIST)
gij2119083	FBgn0014027	601.65	1801.92	1801.91	0.01	0	31	0.054	1	K.SLIADGLVHGHIQACK.A	0.79	F&H (2D-GIST)
gij2119083	FBgn0014027	607	1817.99	1817.98	0.01	0	42	0.0028	1	K.LVLTALCNEHQIPLIR.V	0.81	F&H (2D-GIST)
gij2119083	FBgn0014027	910	1817.99	1817.98	0.01	0	67	7.60E-06	1	K.LVLTALCNEHQIPLIR.V	0.96	F&H (2D-GIST)
gij2119083	FBgn0014027	1016.03	2030.04	2030.02	0.01	1	44	0.0022	1	K.DFGEETPALDVVKDHLR.Q	0.68	R&H (2D-GIST)
gij2119083	FBgn0014027	911.51	1821.01	1821	0	0	63	2.70E-05	1	K.LVLTALCNEHQIPLIR.V	1.03	R&H (2D-GIST)
gij2119083	FBgn0014027	904.99	1807.96	1807.95	0.01	0	46	0.0019	1	K.SLIADGLVHGHIQACK.A	1.06	R&H (2D-GIST)
gij2119083	FBgn0014027	998.08	1994.15	1994.13	0.02	1	30	0.019	1	K.KLVLTALCNEHQIPLIR.V	1.09	R&H (2D-GIST)
gij2119083	FBgn0014027	910	1818	1817.98	0.01	0	74	1.50E-06	1	K.LVLTALCNEHQIPLIR.V	0.97	R&L (2D-GIST)
gij2119083	FBgn0014027	901.97	1801.92	1801.91	0	0	61	5.60E-05	1	K.SLIADGLVHGHIQACK.A	1.23	R&L (2D-GIST)
gij2499087	FBgn0014075	769.92	1537.83	1537.83	0	0	73	2.80E-06	1	K.LSESFVIHQAPIR.L	0.70	F&H (2D-GIST)
gij2499087	FBgn0014075	771.43	1540.85	1540.84	0	0	54	0.00023	1	K.LSESFVIHQAPIR.L	0.84	R&H (2D-GIST)
gij2499087	FBgn0014075	1210.26	3627.76	3627.74	0.03	0	59	3.90E-05	1	K.LTDIGGPVHSEFDLEYLLLEGHCFDAASGAPPR.G	0.84	R&H (2D-GIST)

gij16118392	FBgn0014141	866.39	1730.77	1730.79	-0.01	0	65	7.20E-06	1	K.EGQTHADNIFSVDR.N	0.72	F&H (2D-GIST)
gij16118392	FBgn0014141	867.91	1733.8	1733.8	-0.01	0	29	0.028	1	K.EGQTHADNIFSVDR.N	0.90	R&H (2D-GIST)
gij16118392	FBgn0014141	714.36	1426.7	1426.7	0	0	45	0.0016	1	K.FNGVHIPDSPFR.I	0.80	F&H (2D-GIST)
gij20151915	FBgn0014141	714.36	1426.7	1426.7	0	0	42	0.0038	1	K.FNGVHIPDSPFR.I	1.06	R&L (2D-GIST)
gij16118392	FBgn0014141	1055.86	3164.56	3164.55	0.01	1	88	7.40E-08	1	K.KVTTYPTSGVPHTVEVNYGGVSTPNSPHR.V	0.64	F&H (2D-GIST)
gij16118392	FBgn0014141	999.14	2994.41	2994.45	-0.04	0	70	3.60E-06	1	K.VTYTPTSGVPHTVEVNYGGVSTPNSPHR.V	1.29	F&H (2D-GIST)
gij16118392	FBgn0014141	1057.87	3170.59	3170.59	0	1	47	0.00085	1	K.KVTTYPTSGVPHTVEVNYGGVSTPNSPHR.V	0.84	R&H (2D-GIST)
gij16118392	FBgn0014141	576.29	1725.84	1725.83	0	0	37	0.011	1	K.HAGHNNYVQYLVR.D	1.03	F&H (2D-GIST)
gij24581956	FBgn0014189	877.5	1752.98	1752.98	0	0	30	0.048	1	K.LTLHGLQQHYVNLK.E	1.02	F&H (2D-GIST)
gij24581956	FBgn0014189	660.36	1318.7	1318.7	0	0	72	3.40E-06	1	K.SGTPHIVVGTGPR.I	0.94	F&H (2D-GIST)
gij24581956	FBgn0014189	771.42	2311.24	2311.22	0.02	0	81	4.20E-07	1	R.CVALSQQLLTEQNFAIGHR.G	0.85	R&H (2D-GIST)
gij24581956	FBgn0014189	676.84	1351.66	1351.65	0	0	35	0.012	1	K.GTYVSIHSSGFR.D	0.82	F&H (2D-GIST)
gij24581956	FBgn0014189	874.48	1746.94	1746.94	0	0	44	0.0021	1	K.LTLHGLQQHYVNLK.E	1.21	F&H (2D-GIST)
gij24581956	FBgn0014189	874.48	1746.95	1746.94	0.01	0	44	0.0019	1	K.LTLHGLQQHYVNLK.E	1.13	R&L (2D-GIST)
gij1079115	FBgn0014869	886.96	1771.9	1771.87	0.02	0	63	3.70E-05	1	K.DAGLEFDVAHTSVLTRA.A	1.00	F&H (2D-GIST)
gij24650981	FBgn0014869	888.46	1774.91	1774.89	0.02	0	51	0.0006	1	K.DAGLEFDVAHTSVLTRA.A	1.26	R&H (2D-GIST)
gij1079115	FBgn0014869	603.85	1205.69	1205.69	0	0	56	7.40E-05	1	R.ILIAAHGNSLR.G	0.89	F&H (2D-GIST)
gij1079115	FBgn0014869	605.36	1208.71	1208.71	0	0	60	3.40E-05	1	R.ILIAAHGNSLR.G	1.21	R&H (2D-GIST)
gij6409185	FBgn0015221	765.4	2293.19	2293.18	0.01	1	49	0.00066	1	K.RGTLEVDELHSLALALDTEK.Q	1.37	F&H (2D-GIST)
gij6409185	FBgn0015221	949.11	2844.31	2844.3	0.01	1	72	1.60E-06	1	R.ATHATDAERDPELAHYFEENFLGK.Q	1.28	F&H (2D-GIST)
gij6409185	FBgn0015221	949.11	2844.31	2844.3	0.01	1	60	2.80E-05	1	R.ATHATDAERDPELAHYFEENFLGK.Q	1.32	F&H (2D-GIST)
gij6409185	FBgn0015221	949.11	2844.31	2844.3	0.01	1	80	2.60E-07	1	R.ATHATDAERDPELAHYFEENFLGK.Q	0.83	R&L (2D-GIST)
gij6409185	FBgn0015221	1186.95	3557.82	3557.87	-0.05	2	32	0.033	1	K.RGTLEVDELHSLALALDTEKQLATGATHVHSR.A	1.00	R&H (2D-GIST)
gij1072120	FBgn0015268	939.9	1877.78	1877.77	0	0	54	1.90E-05	1	K.EPESSTDNEADAHFRE.E	0.88	F&H (2D-GIST)
gij1072120	FBgn0015268	1042.5	2082.99	2082.99	0	0	57	6.60E-05	1	R.NTAIMSEMVPQHPDEPAIR.K	1.18	R&H (2D-GIST)
gij24644298	FBgn0015324	783.45	1564.89	1564.88	0.01	0	32	0.016	1	R.LDLISQQLVPEIR.N	0.90	F&H (2D-GIST)
gij24644298	FBgn0015324	783.46	1564.9	1564.88	0.02	0	32	0.014	1	R.LDLISQQLVPEIR.N	1.27	R&L (2D-GIST)
gij24644298	FBgn0015324	692.82	1383.63	1383.63	0	0	42	0.0012	1	R.EDHVSSVLDDAR.K	0.91	F&H (2D-GIST)
gij24644298	FBgn0015324	548.28	1641.82	1641.81	0	1	42	0.0029	1	K.VREDHVSSVLDDAR.K	0.88	F&H (2D-GIST)
gij24644298	FBgn0015324	820.41	1638.8	1638.8	0	1	32	0.031	1	K.VREDHVSSVLDDAR.K	0.90	F&H (2D-GIST)
gij24644298	FBgn0015324	548.28	1641.82	1641.81	0	1	45	0.0014	1	K.VREDHVSSVLDDAR.K	1.08	R&H (2D-GIST)
gij24644298	FBgn0015324	820.41	1638.8	1638.8	0	1	29	0.062	1	K.VREDHVSSVLDDAR.K	0.92	R&L (2D-GIST)
gij24639088	FBgn0015390	1026.54	2051.06	2051.04	0.02	1	43	0.0032	1	K.EASRPASVAESIKDEAEK.S	1.06	R&H (2D-GIST)
gij7460239	FBgn0015390	1283.09	2564.17	2564.16	0.01	0	80	2.00E-07	1	K.ATEHVSEHVTTTGESSTETSQEK.S	0.84	R&H (2D-GIST)
gij24639088	FBgn0015390	921.48	1840.94	1840.94	0	0	33	0.03	1	K.SESRPESVIASGEPVPR.E	1.39	R&H (2D-GIST)
gij7460239	FBgn0015390	853.72	2558.13	2558.13	0	0	74	5.80E-07	1	K.ATEHVSEHVTTTGESSTETSQEK.S	0.91	R&L (2D-GIST)
gij24639088	FBgn0015390	836.4	2506.18	2506.17	0.01	0	57	8.50E-05	1	K.LVEEHEHVVEELAQEVTSTSK.T	1.02	R&L (2D-GIST)
gij24639088	FBgn0015390	856.08	2565.23	2565.23	0	2	48	0.00079	1	K.DVSRPASVVESVKDEHDKAESR.R	0.73	F&H (2D-GIST)
gij7460239	FBgn0015390	859.1	2574.28	2574.29	-0.01	2	31	0.037	1	K.DVSRPASVVESVKDEHDKAESR.R	0.64	R&H (2D-GIST)

gij7460239	FBgn0015390	763.06	2286.15	2286.15	0.01	1	28	0.084	1	R.DAHVYPQIGHFFGNVPRK.G	0.75	R&H (2D-GIST)
gij2213427	FBgn0015622	446.73	891.45	891.44	0	0	32	0.032	1	K.MHFIFR.H	0.77	R&L (2D-GIST)
gij2213427	FBgn0015622	981.94	1961.86	1961.85	0	1	73	6.10E-07	1	K.KFHFDHFDDVEESR.K	1.06	F&H (2D-GIST)
gij2213427	FBgn0015622	654.96	1961.86	1961.85	0.01	1	55	4.50E-05	1	K.KFHFDHFDDVEESR.K	1.16	F&H (2D-GIST)
gij2213427	FBgn0015622	984.95	1967.89	1967.89	0	1	52	0.00011	1	K.KFHFDHFDDVEESR.K	0.76	R&H (2D-GIST)
gij2213427	FBgn0015622	654.96	1961.86	1961.85	0	1	54	5.20E-05	1	K.KFHFDHFDDVEESR.K	0.87	R&L (2D-GIST)
gij1296517	FBgn0015623	822.47	1642.92	1642.91	0.01	0	89	6.00E-08	1	R.TALTHYLEITAIPR.T	0.82	F&H (2D-GIST)
gij1296517	FBgn0015623	822.47	1642.92	1642.91	0.01	0	85	1.70E-07	1	R.TALTHYLEITAIPR.T	1.00	R&H (2D-GIST)
gij1296517	FBgn0015623	867.95	1733.89	1733.88	0	0	32	0.043	1	R.LHSIQNRPPFDAK.N	1.10	R&L (2D-GIST)
gij1296517	FBgn0015623	820.96	1639.9	1639.89	0.01	0	81	4.60E-07	1	R.TALTHYLEITAIPR.T	1.39	R&L (2D-GIST)
gij1296517	FBgn0015623	630.98	1889.93	1889.92	0	0	39	0.0077	1	K.SCRPPIDHVCELLPR.L	0.90	F&H (2D-GIST)
gij1296517	FBgn0015623	631.99	1892.96	1892.94	0.01	0	31	0.042	1	K.SCRPPIDHVCELLPR.L	1.17	R&H (2D-GIST)
gij7739653	FBgn0015778	719.86	1437.71	1437.7	0.01	1	42	0.0029	1	K.KYYVHNDIFR.Y	0.81	F&H (2D-GIST)
gij7739653	FBgn0015778	883.9	1765.78	1765.77	0.01	0	43	0.00086	1	R.FYNHNSSYIHGESK.L	1.20	F&H (2D-GIST)
gij7739653	FBgn0015778	722.88	1443.74	1443.74	0	1	29	0.072	1	K.KYYVHNDIFR.Y	1.11	R&H (2D-GIST)
gij7739653	FBgn0015778	634.81	1267.6	1267.6	0	0	48	0.0005	1	K.YYVHNDIFR.Y	1.02	R&L (2D-GIST)
gij45551889	FBgn0015778	1071.84	3212.49	3212.49	-0.01	0	61	1.50E-05	1	R.SSNTQQFGDNQQLFLGNIPHHASEDDL.R.E	0.73	F&H (2D-GIST)
gij7739653	FBgn0015778	1071.84	3212.49	3212.49	0	0	78	2.90E-07	1	R.SSNTQQFGDNQQLFLGNIPHHASEDDL.R.E	0.53	R&H (2D-GIST)
gij17648041	FBgn0015834	889.44	1776.87	1776.86	0.01	0	45	0.0017	1	K.GHFGPINSLAFHPDGK.S	0.86	F&H (2D-GIST)
gij17648041	FBgn0015834	823.41	1644.81	1644.8	0.01	0	62	3.20E-05	1	R.FFHLYEEEEFAR.L	0.96	F&H (2D-GIST)
gij17648041	FBgn0015834	823.41	1644.81	1644.8	0.01	0	50	0.00051	1	R.FFHLYEEEEFAR.L	1.00	R&H (2D-GIST)
gij17648041	FBgn0015834	821.9	1641.78	1641.78	0	0	59	5.00E-05	1	R.FFHLYEEEEFAR.L	1.28	R&L (2D-GIST)
gij17648041	FBgn0015834	821.9	1641.78	1641.78	-0.01	0	58	6.70E-05	1	R.FFHLYEEEEFAR.L	1.62	R&L (2D-GIST)
gij1490232	FBgn0016120	731.93	1461.85	1461.83	0.01	0	66	1.10E-05	1	K.LVPPVAGLVDSFQK.Q	0.71	F&H (2D-GIST)
gij21406656	FBgn0016120	1088.55	2175.09	2175.06	0.03	0	35	0.016	1	R.AVLANPECPPQIDWANYK.K	0.91	R&H (2D-GIST)
gij21406656	FBgn0016120	731.93	1461.84	1461.83	0.01	0	76	1.10E-06	1	K.LVPPVAGLVDSFQK.Q	1.02	R&H (2D-GIST)
gij1490232	FBgn0016120	777.38	1552.74	1552.74	0	1	72	2.10E-06	1	K.SKEQLEAEAQGHH.-	0.97	R&H (2D-GIST)
gij38047697	FBgn0016126	889.97	1777.92	1777.92	0	0	37	0.019	1	K.YNLHGLLGTGAFSEVR.L	1.15	R&H (2D-GIST)
gij27820092	FBgn0016126	690.35	2068.03	2068.02	0	0	35	0.016	1	R.QILEAVDYMHEQGVVHR.D	0.99	R&H (2D-GIST)
gij1490236	FBgn0016691	892.5	1782.98	1782.96	0.01	0	68	7.90E-06	1	R.FAPATVNLLGLLADNGR.L	0.41	F&H (2D-GIST)
gij1490236	FBgn0016691	894.01	1786	1785.98	0.02	0	57	0.00011	1	R.FAPATVNLLGLLADNGR.L	0.35	R&H (2D-GIST)
gij1490236	FBgn0016691	650.38	1298.75	1298.74	0.01	1	54	0.00017	1	K.KLDTVINAYK.T	0.66	R&H (2D-GIST)
gij24646379	FBgn0016693	605.85	1209.69	1209.69	0.01	0	49	0.00043	1	K.VHAFIAELR.K	0.84	F&H (2D-GIST)
gij25012713	FBgn0016693	741.03	2220.07	2220.06	0.01	0	36	0.014	1	K.LLPLEEHYQFHFHSPK.L	0.87	R&L (2D-GIST)
gij1498589	FBgn0016697	751.35	1500.68	1500.68	0	0	54	0.00011	1	K.HIGCATSGLMADAR.T	0.70	F&H (2D-GIST)
gij1498589	FBgn0016697	752.86	1503.71	1503.7	0.01	0	61	2.40E-05	1	K.HIGCATSGLMADAR.T	1.13	R&H (2D-GIST)
gij1498589	FBgn0016697	911.9	1821.79	1821.79	0.01	0	66	3.40E-06	1	R.VECQNHWFVYNER.M	1.07	R&L (2D-GIST)
gij7511958	FBgn0016724	742.45	1482.88	1482.87	0.01	0	31	0.022	1	K.FDGALIHLIAPVK.G	1.13	F&H (2D-GIST)
gij7511958	FBgn0016724	922.54	1843.07	1843.06	0.02	0	51	0.0002	1	K.EKPIHSSIAELLGDR.K	1.47	F&H (2D-GIST)

gi 7511958	FBgn0016724	745.85	1489.69	1489.68	0.01	1	47	0.00074	1	R.RYSFNNEVSYK.L	0.70	F&H (2D-GIST)
gi 7511958	FBgn0016724	731.87	1461.72	1461.71	0.01	1	63	2.90E-05	1	K.RQDFIDGTAEVK.L	0.98	F&H (2D-GIST)
gi 7511958	FBgn0016724	883.46	1764.91	1764.9	0.01	0	106	1.50E-09	1	K.MLNQITSSLADTLFK.T	1.18	F&H (2D-GIST)
gi 7511958	FBgn0016724	745.85	1489.69	1489.68	0.01	1	44	0.0016	1	R.RYSFNNEVSYK.L	0.88	R&L (2D-GIST)
gi 7511958	FBgn0016724	883.46	1764.91	1764.9	0.01	0	96	1.70E-08	1	K.MLNQITSSLADTLFK.T	1.08	R&L (2D-GIST)
gi 7511958	FBgn0016724	731.87	1461.72	1461.71	0.01	1	59	7.80E-05	1	K.RQDFIDGTAEVK.L	1.20	R&L (2D-GIST)
gi 7511958	FBgn0016724	581.83	1161.64	1161.63	0.01	0	59	8.40E-05	1	R.ILDIYNSLK.E	1.54	R&L (2D-GIST)
gi 7511958	FBgn0016724	858.91	1715.81	1715.81	0.01	0	32	0.023	1	K.SYGLDITTFYHSAHK.K	1.12	F&H (2D-GIST)
gi 7511958	FBgn0016724	945.48	1888.95	1888.93	0.02	1	42	0.0039	1	K.SYGLDITTFYHSAHK.G	1.36	F&H (2D-GIST)
gi 7511958	FBgn0016724	875.49	1748.97	1748.97	0	0	53	0.00019	1	K.LDAVEHTTLIIVDLR.D	1.29	F&H (2D-GIST)
gi 7511958	FBgn0016724	875.5	1748.98	1748.97	0.02	0	67	5.30E-06	1	K.LDAVEHTTLIIVDLR.D	1.20	F&H (2D-GIST)
gi 7511958	FBgn0016724	740.88	1479.74	1479.74	0	0	48	0.00079	1	R.CLPIHGLHGQHK.C	0.74	F&H (2D-GIST)
gi 7511958	FBgn0016724	749.39	2245.14	2245.14	0	0	52	0.00042	1	K.LNGNLVEYPQHLSGLHAWR.R	1.37	F&H (2D-GIST)
gi 7511958	FBgn0016724	1125.1	2248.18	2248.16	0.02	0	54	0.00026	1	K.LNGNLVEYPQHLSGLHAWR.R	0.64	R&H (2D-GIST)
gi 7511958	FBgn0016724	750.4	2248.16	2248.16	0.01	0	45	0.0018	1	K.LNGNLVEYPQHLSGLHAWR.R	0.92	R&H (2D-GIST)
gi 1813955	FBgn0017539	775.42	1548.83	1548.83	0	0	77	1.10E-06	1	R.GVLALNLEDGTLHR.F	0.52	F&H (2D-GIST)
gi 1813955	FBgn0017539	775.42	1548.83	1548.83	0	0	78	9.60E-07	1	R.GVLALNLEDGTLHR.F	0.73	F&H (2D-GIST)
gi 1813955	FBgn0017539	1143.59	2285.16	2285.15	0.01	0	97	1.10E-08	1	K.DVIVPGLYAAGEAASSVHGANR.L	0.92	R&H (2D-GIST)
gi 1813955	FBgn0017539	776.93	1551.85	1551.84	0.01	0	71	4.20E-06	1	R.GVLALNLEDGTLHR.F	0.94	R&H (2D-GIST)
gi 1752661	FBgn0017545	1087.52	2173.03	2173.02	0.01	1	85	9.70E-08	1	R.NVLCNFHGMDLTDDKYR.S	0.91	R&H (2D-GIST)
gi 1752661	FBgn0017545	665.86	1329.71	1329.71	0	0	41	0.0071	1	R.IYPLHDVYIR.K	0.83	F&H (2D-GIST)
gi 1752661	FBgn0017545	665.86	1329.71	1329.71	0	0	33	0.044	1	R.IYPLHDVYIR.K	1.20	R&L (2D-GIST)
gi 20151935	FBgn0017645	922.5	1842.99	1842.99	0	0	34	0.026	1	K.FIGPVVMEVPHFASLR.G	1.22	F&H (2D-GIST)
gi 20151935	FBgn0017645	921	1839.98	1839.97	0.01	0	53	0.00031	1	K.FIGPVVMEVPHFASLR.G	0.94	R&L (2D-GIST)
gi 20151935	FBgn0017645	777.89	1553.76	1553.75	0.01	0	38	0.0073	1	R.SGHEQVVDMLLER.G	0.96	R&L (2D-GIST)
gi 20151935	FBgn0017645	938.16	2811.45	2811.42	0.03	0	47	0.001	1	K.AGFTPLHLSSEQGHAEISNLLIEHK.A	1.15	F&H (2D-GIST)
gi 20151935	FBgn0017645	764.03	2289.08	2289.08	0	0	57	6.80E-05	1	K.ATVDGVYIANGSGHDEPPHVGR.K	0.57	F&H (2D-GIST)
gi 6094287	FBgn0019652	681.37	1360.73	1360.73	0.01	0	33	0.034	1	R.LLLEYEMHLR.N	0.89	F&H (2D-GIST)
gi 6094287	FBgn0019652	799.93	1597.85	1597.85	0.01	0	56	0.00021	1	K.TGTLHLLQEEIFR.L	0.82	F&H (2D-GIST)
gi 6094287	FBgn0019652	661.88	1321.74	1321.74	0	0	39	0.0045	1	K.SLLTHVSRPTK.N	1.15	F&H (2D-GIST)
gi 6094288	FBgn0019652	1055.55	2109.08	2109.07	0.01	0	89	9.20E-08	1	R.HQIQTQILQWEENLER.L	0.69	R&H (2D-GIST)
gi 6094288	FBgn0019652	801.44	1600.87	1600.87	0	0	58	9.80E-05	1	K.TGTLHLLQEEIFR.L	0.90	R&H (2D-GIST)
gi 6094287	FBgn0019652	686.69	2057.05	2057.04	0	0	57	0.00011	1	K.VLHPNEGHALQEFLAAR.N	0.94	F&H (2D-GIST)
gi 6094287	FBgn0019652	687.7	2060.07	2060.06	0.01	0	57	0.00011	1	K.VLHPNEGHALQEFLAAR.N	0.69	R&H (2D-GIST)
gi 6094287	FBgn0019652	750.08	2247.22	2247.22	0	1	33	0.02	1	K.HLIIVDGAIMQPIPEHPKR.D	0.74	R&L (2D-GIST)
gi 6094287	FBgn0019652	596.96	1787.87	1787.86	0.01	0	56	0.00013	1	R.IHEEYGAIFDHLFR.Q	0.97	R&L (2D-GIST)
gi 1877191	FBgn0019960	587.66	1759.94	1759.94	0.01	1	29	0.087	1	K.LVDHIGNVKDELYR.H	1.27	F&H (2D-GIST)
gi 45549224	FBgn0019960	877.96	1753.91	1753.9	0.01	1	63	3.00E-05	1	K.LVDHIGNVKDELYR.H	0.62	F&H (2D-GIST)
gi 45549224	FBgn0019960	880.98	1759.94	1759.94	0	1	56	0.00016	1	K.LVDHIGNVKDELYR.H	0.98	R&H (2D-GIST)

gij45549224	FBgn0019960	702.36	1402.7	1402.69	0	0	35	0.016	1	R.AQLEYHLEAER.R	0.76	R&H (2D-GIST)
gij29427665	FBgn0019960	519.6	1555.78	1555.77	0	1	33	0.027	1	R.AQLEYHLEAERR.K	0.68	F&H (2D-GIST)
gij24653990	FBgn0020236	739.86	1477.71	1477.7	0.01	0	44	0.0028	1	R.YPGSTFMDHILR.Y	0.73	R&L (2D-GIST)
gij24653990	FBgn0020236	968.47	2902.39	2902.43	-0.03	1	62	2.80E-05	1	K.ATDGVIEGIAIGGDRYPGSTFMDHILR.Y	0.81	R&L (2D-GIST)
gij24647885	FBgn0020238	637.81	1273.61	1273.6	0.01	0	49	0.00038	1	R.YLAEFATGSDR.K	0.68	F&H (2D-GIST)
gij24647885	FBgn0020238	721.36	1440.7	1440.69	0.01	1	73	2.10E-06	1	R.YLAEFATGSDR.K.D	0.96	F&H (2D-GIST)
gij24647885	FBgn0020238	1089.52	2177.02	2177.02	0	0	28	0.045	1	K.AAFDDAIAELDTLSEESYK.D	1.02	R&H (2D-GIST)
gij24647885	FBgn0020238	724.37	1446.73	1446.73	0.01	1	76	1.50E-06	1	R.YLAEFATGSDR.K.D	1.19	R&H (2D-GIST)
gij24647885	FBgn0020238	754.9	1507.79	1507.77	0.01	0	39	0.0088	1	R.DICSDILNVLEK.H	1.61	R&H (2D-GIST)
gij24647885	FBgn0020238	636.3	1270.59	1270.58	0.01	0	68	5.00E-06	1	R.YLAEFATGSDR.K	1.32	R&L (2D-GIST)
gij24647885	FBgn0020238	930.97	1859.92	1859.92	0	0	71	4.90E-06	1	K.AASDIAMNDLPPTHPIR.L	1.17	F&H (2D-GIST)
gij24647885	FBgn0020238	932.48	1862.94	1862.94	0	0	50	0.00058	1	K.AASDIAMNDLPPTHPIR.L	1.07	R&H (2D-GIST)
gij24647885	FBgn0020238	930.96	1859.91	1859.92	-0.01	0	63	3.30E-05	1	K.AASDIAMNDLPPTHPIR.L	1.43	R&L (2D-GIST)
gij21355751	FBgn0020254	818.9	1635.79	1635.8	0	0	76	1.30E-06	1	K.NNAEQLGHAVGEISR.Y	0.69	F&H (2D-GIST)
gij21355751	FBgn0020254	664.38	1990.1	1990.1	0.01	0	61	2.10E-05	1	K.NVGIALSQLLSSVLHNQR.S	0.92	F&H (2D-GIST)
gij21355751	FBgn0020254	996.07	1990.12	1990.1	0.02	0	91	1.70E-08	1	K.NVGIALSQLLSSVLHNQR.S	1.14	F&H (2D-GIST)
gij21355751	FBgn0020254	1163.59	2325.16	2325.15	0.01	0	66	1.60E-05	1	R.VGEATTHVLSTIAEEEEVPENR.D	0.65	R&H (2D-GIST)
gij21355751	FBgn0020254	954.55	1907.08	1907.07	0.02	0	105	9.50E-10	1	R.LVAAATHSLVEAAQNLVR.G	1.02	R&H (2D-GIST)
gij21355751	FBgn0020254	1080.56	2159.11	2159.09	0.02	0	62	3.30E-05	1	R.AMHSPPPVGNTQVGPEDLIR.V	1.15	R&H (2D-GIST)
gij21355751	FBgn0020254	996.06	1990.11	1990.1	0.01	0	94	1.00E-08	1	K.NVGIALSQLLSSVLHNQR.S	0.83	R&L (2D-GIST)
gij12643368	FBgn0020367	681.39	1360.77	1360.77	0	0	50	0.00062	1	K.LPANHPLLTGQR.V	1.01	F&H (2D-GIST)
gij12643368	FBgn0020367	944.95	1887.89	1887.88	0.01	0	85	1.40E-07	1	K.ADFEQLHEDLQQAFR.N	0.97	F&H (2D-GIST)
gij12643368	FBgn0020367	946.46	1890.9	1890.89	0	0	81	3.10E-07	1	K.ADFEQLHEDLQQAFR.N	0.98	R&H (2D-GIST)
gij12643368	FBgn0020367	1150.12	2298.22	2298.21	0.01	0	44	0.0023	1	K.VGSHITGGDLYGLVHENTLVK.H	1.15	R&H (2D-GIST)
gij24583992	FBgn0020368	1143.11	2284.21	2284.2	0.01	0	43	0.0027	1	R.VGSHITGGDLYGVHENTLVK.Q	0.80	R&H (2D-GIST)
gij24583992	FBgn0020368	943.53	2827.57	2827.55	0.02	0	29	0.018	1	R.TGKPLSVELGPGMGSIFDGIQRPLR.D	1.07	R&H (2D-GIST)
gij24583992	FBgn0020368	696.87	1391.73	1391.73	0	0	42	0.0045	1	K.LPANHPLFTGQR.V	0.71	F&H (2D-GIST)
gij24583992	FBgn0020368	654.85	1307.69	1307.68	0	0	39	0.0069	1	K.HTMLQVWPVR.Q	0.90	F&H (2D-GIST)
gij24583992	FBgn0020368	656.36	1310.7	1310.7	0	0	34	0.024	1	K.HTMLQVWPVR.Q	1.11	R&H (2D-GIST)
gij2245467	FBgn0020369	745.94	1489.87	1489.86	0	0	40	0.0016	1	R.IDILDPALLRPGR.I	0.82	F&H (2D-GIST)
gij2245467	FBgn0020369	1075.03	2148.04	2148.02	0.01	0	66	9.60E-06	1	R.EHAPSIIFMDEIDSIGSSR.I	0.70	R&H (2D-GIST)
gij2245467	FBgn0020369	747.45	1492.89	1492.88	0.01	0	35	0.0072	1	R.IDILDPALLRPGR.I	0.91	R&H (2D-GIST)
gij45551871	FBgn0020385	853.97	1705.92	1705.92	0	0	66	1.50E-05	1	K.AATEIGIDAAHVQLPR.S	1.06	R&H (2D-GIST)
gij45551871	FBgn0020385	782.39	2344.14	2344.13	0.01	0	68	7.30E-06	1	R.VHGIIVQMPLDCDTPIDSHR.I	1.16	F&H (2D-GIST)
gij45551871	FBgn0020385	782.39	2344.14	2344.13	0.01	0	65	1.70E-05	1	R.VHGIIVQMPLDCDTPIDSHR.I	0.73	R&L (2D-GIST)
gij45551871	FBgn0020385	783.39	2347.16	2347.15	0.01	0	68	7.70E-06	1	R.VHGIIVQMPLDCDTPIDSHR.I	1.12	R&H (2D-GIST)
gij24645757	FBgn0020439	491.24	1470.71	1470.71	0	0	52	0.00024	1	R.LDLCTDRPGSHR.S	0.80	F&H (2D-GIST)
gij25090298	FBgn0020439	868.97	1735.93	1735.93	0	0	44	0.0027	1	K.EVHNISHYPRPAVK.Y	1.49	F&H (2D-GIST)
gij25090298	FBgn0020439	577.64	1729.89	1729.89	0	0	36	0.02	1	K.EVHNISHYPRPAVK.Y	1.38	F&H (2D-GIST)

gij25090298	FBgn0020439	865.95	1729.89	1729.89	0	0	59	8.50E-05	1	K.EVHNISHYPRPAVK.Y	2.10	R&L (2D-GIST)
gij18860083	FBgn0020513	747.88	1493.75	1493.75	0	1	34	0.02	1	R.VSSAHKGPEETLR.I	0.91	F&H (2D-GIST)
gij18860083	FBgn0020513	764.72	2291.14	2291.15	0	1	35	0.02	1	K.KDHLVVILMGASDISHSEK.I	1.01	R&L (2D-GIST)
gij18860083	FBgn0020513	767.96	1533.92	1533.9	0.02	1	43	0.00094	1	R.RTLLLVFEILER.A	1.00	F&H (2D-GIST)
gij2411487	FBgn0020615	596.29	1785.84	1785.84	0	0	59	5.00E-05	1	R.RPFDPTAHDLDASFR.L	0.73	F&H (2D-GIST)
gij2411487	FBgn0020615	813.07	2436.18	2436.17	0.01	0	59	5.60E-05	1	M.SYAADVLNSAHLELHGGGDAELR.R	0.95	F&H (2D-GIST)
gij2290597	FBgn0020618	996.03	1990.05	1990.03	0.03	0	33	0.028	1	R.GTLIGHNGWVTQIATNPK.D	0.97	R&L (2D-GIST)
gij2290597	FBgn0020618	1014.48	2026.94	2026.93	0.01	0	54	0.00016	1	R.FSPNHSNPIIVSCGWDR.T	0.93	F&H (2D-GIST)
gij2290597	FBgn0020618	1014.48	2026.94	2026.93	0.01	0	68	5.00E-06	1	R.FSPNHSNPIIVSCGWDR.T	0.83	F&H (2D-GIST)
gij2290597	FBgn0020618	1014.48	2026.94	2026.93	0.01	0	72	2.50E-06	1	R.FSPNHSNPIIVSCGWDR.T	0.91	R&L (2D-GIST)
gij2290597	FBgn0020618	1454.17	2906.32	2906.3	0.02	0	62	1.30E-05	1	K.NNHHGHNGYLNTVTVSPDGLCTSGGK.D	0.83	R&L (2D-GIST)
gij2290597	FBgn0020618	969.78	2906.31	2906.3	0.01	0	111	1.30E-10	1	K.NNHHGHNGYLNTVTVSPDGLCTSGGK.D	0.98	R&L (2D-GIST)
gij24583465	FBgn0021953	734.09	2199.24	2199.21	0.02	0	46	0.00081	1	R.LVFGNGLRPQIWPQVQR.F	1.29	F&H (2D-GIST)
gij24583465	FBgn0021953	1004.03	2006.04	2006.02	0.02	1	41	0.0049	1	K.GRYELLTPQVYDQVQR.N	1.41	F&H (2D-GIST)
gij24653944	FBgn0022160	821.42	1640.83	1640.82	0.01	0	52	0.00042	1	R.IHPEFPYIDAEIR.Y	0.70	F&H (2D-GIST)
gij24653944	FBgn0022160	971.03	1940.05	1940.05	0	0	84	1.90E-07	1	R.NHIVHVSPSNLITIAGGK.W	0.77	F&H (2D-GIST)
gij24653944	FBgn0022160	950.96	1899.9	1899.9	0.01	0	79	5.50E-07	1	K.SFGDGDVSGEQLHEILR.E	0.83	F&H (2D-GIST)
gij24653944	FBgn0022160	647.69	1940.05	1940.05	0	0	53	0.00028	1	R.NHIVHVSPSNLITIAGGK.W	0.91	F&H (2D-GIST)
gij24653944	FBgn0022160	822.93	1643.85	1643.84	0.01	0	29	0.082	1	R.IHPEFPYIDAEIR.Y	0.98	R&H (2D-GIST)
gij24653944	FBgn0022160	717.85	1433.68	1433.67	0	0	44	0.0016	1	R.HGATVCNHVEVK.E	0.69	F&H (2D-GIST)
gij24653944	FBgn0022160	971.03	1940.05	1940.05	0	0	105	1.60E-09	1	R.NHIVHVSPSNLITIAGGK.W	0.90	R&L (2D-GIST)
gij24653944	FBgn0022160	717.85	1433.68	1433.67	0.01	0	55	0.00012	1	R.HGATVCNHVEVK.E	1.52	R&L (2D-GIST)
gij24653944	FBgn0022160	618.96	1853.85	1853.85	0	0	49	0.00042	1	K.HATEFLANEMGHSVNR.T	1.07	F&H (2D-GIST)
gij24653944	FBgn0022160	619.96	1856.87	1856.87	0	0	47	0.00061	1	K.HATEFLANEMGHSVNR.T	0.93	R&H (2D-GIST)
gij2459912	FBgn0022343	1016.52	2031.03	2031.03	0	0	38	0.0088	1	R.YSQQAGSGLGGGPTGGALRPR.R	1.21	F&H (2D-GIST)
gij2459912	FBgn0022343	677.01	2028.02	2028.01	0	0	56	0.00015	1	R.YSQQAGSGLGGGPTGGALRPR.R	1.00	R&L (2D-GIST)
gij24762790	FBgn0022343	921.47	2761.38	2761.39	0	1	38	0.0079	1	R.RAAPDITNTEFFPTLSAARPEEQR.K	0.96	F&H (2D-GIST)
gij3786400	FBgn0022355	821.93	1641.85	1641.84	0.01	1	82	4.00E-07	1	K.HKDAQLVCPSLER.R	1.44	F&H (2D-GIST)
gij3786400	FBgn0022355	794.4	1586.78	1586.77	0	1	32	0.043	1	R.DRVDCELEIEQR.K	1.08	F&H (2D-GIST)
gij3786400	FBgn0022355	821.93	1641.85	1641.84	0.01	1	62	3.70E-05	1	K.HKDAQLVCPSLER.R	0.86	R&H (2D-GIST)
gij3786400	FBgn0022355	795.9	1589.8	1589.79	0	1	39	0.0069	1	R.DRVDCELEIEQR.K	1.06	R&H (2D-GIST)
gij3786400	FBgn0022355	795.9	1589.78	1589.79	-0.01	1	43	0.0023	1	R.DRVDCELEIEQR.K	1.33	F&H (2D-GIST)
gij3786400	FBgn0022355	794.4	1586.78	1586.77	0	1	36	0.015	1	R.DRVDCELEIEQR.K	1.27	R&L (2D-GIST)
gij24663131	FBgn0022959	707.36	1412.71	1412.7	0	0	66	1.60E-05	1	R.EDVVFVHQSAIAR.N	0.85	F&H (2D-GIST)
gij2739396	FBgn0022959	1146.55	2291.08	2291.06	0.02	0	48	0.00046	1	R.GLGGDGSAAEPGVHDQNPEGLQR.G	0.80	R&H (2D-GIST)
gij2739396	FBgn0022959	763.69	2288.05	2288.04	0.01	0	55	8.80E-05	1	R.GLGGDGSAAEPGVHDQNPEGLQR.G	0.80	R&L (2D-GIST)
gij24663131	FBgn0022959	708.87	1415.72	1415.72	0	0	36	0.015	1	R.EDVVFVHQSAIAR.N	1.02	F&H (2D-GIST)
gij24663131	FBgn0022959	708.87	1415.73	1415.72	0.01	0	61	4.70E-05	1	R.EDVVFVHQSAIAR.N	1.03	R&H (2D-GIST)
gij2739396	FBgn0022959	602.3	1202.58	1202.58	0	1	46	0.0019	1	R.RYNNYYLR.Q	0.83	F&H (2D-GIST)

gij2739396	FBgn0022959	815.72	2444.14	2444.14	-0.01	1	28	0.053	1	R.RGLGGDGS AEPGVHDQNPEGLQR.G	1.47	F&H (2D-GIST)
gij24654417	FBgn0022987	887.35	1772.69	1772.69	0	0	53	7.90E-06	1	R.GGHYESSDYEPDYGR.R	1.28	F&H (2D-GIST)
gij24654417	FBgn0022987	643.93	1928.78	1928.79	-0.01	1	37	0.00042	1	R.GGHYESSDYEPDYGR.R	1.47	F&H (2D-GIST)
gij17137462	FBgn0023023	737.91	1473.81	1473.81	0.01	1	62	3.20E-05	1	K.KVPIHLQSAQNR.V	0.91	F&H (2D-GIST)
gij17137462	FBgn0023023	995.17	2982.5	2982.49	0.01	0	61	3.80E-05	1	R.LLAEGINGPEGHELSPREEVEAEAVHR.A	0.90	R&H (2D-GIST)
gij28573937	FBgn0023143	814.92	1627.82	1627.82	0	0	46	0.0021	1	R.TVSHTGPLTEEFLLR.K	0.92	F&H (2D-GIST)
gij2706522	FBgn0023143	816.43	1630.85	1630.84	0.01	0	46	0.0015	1	R.TVSHTGPLTEEFLLR.K	1.05	R&H (2D-GIST)
gij28573937	FBgn0023143	848.96	1695.91	1695.89	0.01	0	71	4.50E-06	1	K.FAHENGIALIIAETR.G	0.71	F&H (2D-GIST)
gij28573937	FBgn0023143	883.47	1764.92	1764.93	-0.01	0	46	0.0017	1	R.QLFRPHDVQKPK.S	0.72	F&H (2D-GIST)
gij28573937	FBgn0023143	869.94	1737.87	1737.86	0.01	0	61	4.40E-05	1	K.NFPNIEHTLQWAR.D	0.76	F&H (2D-GIST)
gij28573937	FBgn0023143	888	1773.99	1773.99	0	0	35	0.016	1	R.QLFRPHDVQKPK.S	0.94	R&H (2D-GIST)
gij28573937	FBgn0023143	814.92	1627.82	1627.82	0	0	65	2.10E-05	1	R.TVSHTGPLTEEFLLR.K	1.12	R&L (2D-GIST)
gij28573937	FBgn0023143	848.96	1695.9	1695.89	0.01	0	69	7.70E-06	1	K.FAHENGIALIIAETR.G	1.25	R&L (2D-GIST)
gij2706522	FBgn0023143	652.8	1303.58	1303.58	0	0	50	0.00019	1	K.SFAHCVEWAR.L	1.13	R&L (2D-GIST)
gij28573937	FBgn0023143	889.45	2665.32	2665.31	0.01	0	56	0.00011	1	K.AHNGALPRPWNEEDANSFLEVVR.A	1.24	F&H (2D-GIST)
gij17864358	FBgn0024556	981.17	2940.5	2940.47	0.03	0	53	0.00025	1	K.STVTGVEMFHQILEEAQAGDQLGALVR.G	0.99	R&L (2D-GIST)
gij16183707	FBgn0024556	991.98	1981.95	1981.94	0.01	0	39	0.0065	1	R.TKPHCNVGTIGHVDHGK.T	0.73	F&H (2D-GIST)
gij16183707	FBgn0024556	927.9	1853.78	1853.78	0	0	67	1.10E-06	1	R.HYGHTDCPGHADIYK.N	0.75	F&H (2D-GIST)
gij17864358	FBgn0024556	661.66	1981.95	1981.94	0.01	0	51	0.00034	1	R.TKPHCNVGTIGHVDHGK.T	1.42	R&L (2D-GIST)
gij28317134	FBgn0024733	819.41	1636.8	1636.8	0	0	75	1.90E-06	1	K.YRPEHGPIAAWEK.A	0.82	F&H (2D-GIST)
gij28317134	FBgn0024733	549.32	1096.64	1096.64	0	1	31	0.041	1	K.AQVIEALRR.A	1.16	F&H (2D-GIST)
gij28317134	FBgn0024733	550.83	1099.65	1099.65	0	1	28	0.075	1	K.AQVIEALRR.A	0.92	R&H (2D-GIST)
gij28574756	FBgn0024733	819.41	1636.8	1636.8	0	0	80	6.40E-07	1	K.YRPEHGPIAAWEK.A	1.03	R&L (2D-GIST)
gij28317134	FBgn0024733	819.41	1636.8	1636.8	0	0	48	0.00094	1	K.YRPEHGPIAAWEK.A	1.40	R&L (2D-GIST)
gij3337433	FBgn0024923	766.91	1531.81	1531.8	0.01	0	50	0.00058	1	R.IVSQLLTMDGMK.K	0.97	F&H (2D-GIST)
gij3337433	FBgn0024923	854.15	2559.44	2559.43	0.01	0	48	0.00021	1	K.NVFIIGATNRPDIIDPAILRPGRL	0.90	F&H (2D-GIST)
gij27374245	FBgn0024923	854.15	2559.44	2559.43	0.01	0	41	0.00094	1	K.NVFIIGATNRPDIIDPAILRPGRL	0.92	R&L (2D-GIST)
gij45551179	FBgn0025704	992.99	1983.97	1983.95	0.01	2	29	0.057	1	K.YQSIRDEITEDKFTR.V	0.96	F&H (2D-GIST)
gij45551179	FBgn0025704	939.91	1877.8	1877.79	0	0	78	8.00E-08	1	R.GHPEEYTDGMNLGEER.F	0.67	R&H (2D-GIST)
gij3676167	FBgn0025725	875.51	1749.01	1749	0.01	0	42	0.002	1	R.LLELAPRPDVAQQVR.K	0.92	R&H (2D-GIST)
gij3676167	FBgn0025725	690.37	1378.72	1378.72	0	1	30	0.059	1	R.KYDEVLHMVR.N	1.18	F&H (2D-GIST)
gij3676167	FBgn0025725	556.95	1667.82	1667.82	0	0	39	0.0066	1	R.GHYNNVSSVLFHPR.Q	1.17	F&H (2D-GIST)
gij3676167	FBgn0025725	556.95	1667.82	1667.82	0	0	31	0.035	1	R.GHYNNVSSVLFHPR.Q	0.92	R&L (2D-GIST)
gij24644504	FBgn0026077	729.39	1456.76	1456.75	0.01	1	59	0.00011	1	R.KSELLAGLNSEGR.T	0.82	F&H (2D-GIST)
gij24644504	FBgn0026077	729.39	1456.76	1456.75	0.01	1	82	5.10E-07	1	R.KSELLAGLNSEGR.T	1.17	R&L (2D-GIST)
gij4191331	FBgn0026077	1094.97	2187.92	2187.9	0.02	0	41	0.00031	1	K.YLTENCDYLHNVDGDR.T	1.07	F&H (2D-GIST)
gij4191331	FBgn0026077	840.41	1678.8	1678.8	0	0	59	5.80E-05	1	R.TELEPITTPHCSR.L	0.90	F&H (2D-GIST)
gij4191331	FBgn0026077	1094.96	2187.91	2187.9	0	0	59	3.00E-06	1	K.YLTENCDYLHNVDGDR.T	0.80	R&H (2D-GIST)
gij24644504	FBgn0026077	841.92	1681.82	1681.82	0	0	36	0.011	1	R.TELEPITTPHCSR.L	0.85	F&H (2D-GIST)

gii4191331	FBgn0026077	841.92	1681.82	1681.82	0.01	0	52	0.00035	1	R.TELEPPITTPHCSR.L	1.19	R&H (2D-GIST)
gii4191331	FBgn0026077	1269.9	3806.69	3806.68	0.01	1	53	2.90E-05	1	K.YLTENC DYLNVD CGDRTELEPPITTPHCSR.L	1.12	F&H (2D-GIST)
gii4191331	FBgn0026077	1268.88	3803.63	3803.66	-0.04	1	57	5.40E-06	1	K.YLTENC DYLNVD CGDRTELEPPITTPHCSR.L	1.28	R&L (2D-GIST)
gii4160434	FBgn0026210	1033.55	2065.09	2065.09	0	0	57	0.00013	1	K.APSSLLDALEQHLATLEGR.K	1.30	F&H (2D-GIST)
gii4160434	FBgn0026210	689.37	2065.1	2065.09	0.01	0	48	0.00088	1	K.APSSLLDALEQHLATLEGR.K	0.72	R&H (2D-GIST)
gii4160434	FBgn0026210	1033.55	2065.1	2065.09	0.01	0	87	1.10E-07	1	K.APSSLLDALEQHLATLEGR.K	0.79	R&H (2D-GIST)
gii21711801	FBgn0026210	596.64	1786.89	1786.89	0	0	39	0.0064	1	K.SLITTHHLMAYGNER.F	0.74	R&H (2D-GIST)
gii21711801	FBgn0026210	1038.21	3111.62	3111.6	0.02	0	49	0.00048	1	K.HLDYLVHCTNPNVSIPHLANLLIER.S	0.95	R&H (2D-GIST)
gii4378006	FBgn0026372	952.04	1902.06	1902.05	0.01	1	80	4.30E-07	1	K.KIEDNNTLVFLTHLR.A	0.62	F&H (2D-GIST)
gii24655502	FBgn0026372	863.96	1725.91	1725.9	0	0	53	0.00037	1	K.IEDNNTLVFLTHLR.A	1.33	F&H (2D-GIST)
gii4092093	FBgn0026415	708.41	1414.81	1414.81	0	0	41	0.0031	1	R.IPFINSAHSLVK.T	0.61	R&H (2D-GIST)
gii4092093	FBgn0026415	656.36	1310.7	1310.69	0.01	0	35	0.02	1	K.YLTLESSNARI	0.74	R&H (2D-GIST)
gii4092093	FBgn0026415	771.38	1540.75	1540.75	0	1	63	2.20E-05	1	R.GGCTGHDKFPILR.Q	0.69	F&H (2D-GIST)
gii4092093	FBgn0026415	774.4	1546.79	1546.78	0	1	81	4.90E-07	1	R.GGCTGHDKFPILR.Q	0.74	R&H (2D-GIST)
gii4753683	FBgn0026418	790.47	1578.92	1578.91	0.02	0	42	0.001	1	K.ALLDAAQIAGLNVLR.L	0.83	F&H (2D-GIST)
gii4753683	FBgn0026418	791.98	1581.94	1581.93	0.01	0	32	0.012	1	K.ALLDAAQIAGLNVLR.L	1.28	R&H (2D-GIST)
gii4753683	FBgn0026418	693.7	2078.08	2078.08	0	1	43	0.0034	1	R.KFNDPHVQHELTSIPAR.V	0.98	F&H (2D-GIST)
gii4753683	FBgn0026418	693.7	2078.08	2078.08	0	1	33	0.037	1	R.KFNDPHVQHELTSIPAR.V	0.90	R&H (2D-GIST)
gii4753683	FBgn0026418	634.99	1901.94	1901.94	0	0	30	0.072	1	K.FNDPHVQHELTSIPAR.V	1.09	R&L (2D-GIST)
gii7290712	FBgn0026708	671.39	1340.76	1340.75	0.01	0	63	2.40E-05	1	R.ALGVLASLVWDR.A	0.65	F&H (2D-GIST)
gii7290712	FBgn0026708	816.93	1631.84	1631.83	0.01	0	48	0.0011	1	K.HLPEDETFQLVSK.I	0.90	R&H (2D-GIST)
gii7290712	FBgn0026708	867.46	1732.91	1732.89	0.02	0	40	0.008	1	K.ALVTETSVLDADEGIR.F	0.93	R&H (2D-GIST)
gii7290712	FBgn0026708	671.39	1340.76	1340.75	0.01	0	49	0.00065	1	R.ALGVLASLVWDR.A	1.24	R&L (2D-GIST)
gii7290712	FBgn0026708	741.4	1480.78	1480.78	0	0	44	0.0021	1	K.SGQVVPGYGHAVLR.K	0.77	F&H (2D-GIST)
gii7290712	FBgn0026708	1314.33	3939.97	3939.94	0.03	0	72	1.80E-06	1	R.AALPQHVV TMLNNMPTTLHPMSQFAAAV T ALNHDSK.F	1.04	F&H (2D-GIST)
gii7290712	FBgn0026708	1316.32	3945.95	3945.98	-0.03	0	71	2.70E-06	1	R.AALPQHVV TMLNNMPTTLHPMSQFAAAV T ALNHDSK.F	0.74	R&H (2D-GIST)
gii7290712	FBgn0026708	742.91	1483.8	1483.8	0	0	51	0.00052	1	K.SGQVVPGYGHAVLR.K	0.91	R&H (2D-GIST)
gii4929308	FBgn0026781	734.4	1466.79	1466.79	0.01	0	59	6.00E-05	1	K.NIVPETVTHLFR.I	0.85	F&H (2D-GIST)
gii4929308	FBgn0026781	599.81	1197.62	1197.61	0	0	44	0.0021	1	R.HITIF SPEGR.L	0.95	F&H (2D-GIST)
gii4929308	FBgn0026781	599.82	1197.62	1197.61	0	0	44	0.0022	1	R.HITIF SPEGR.L	1.07	R&L (2D-GIST)
gii4929308	FBgn0026781	734.41	1466.8	1466.79	0.01	0	72	2.80E-06	1	K.NIVPETVTHLFR.I	1.17	R&L (2D-GIST)
gii24664462	FBgn0027088	794.89	1587.77	1587.76	0	0	80	4.70E-07	1	R.SAYDLGQHTAATGVR.L	0.68	F&H (2D-GIST)
gii24664462	FBgn0027088	1122.6	2243.18	2243.17	0.01	0	38	0.0086	1	K.TVHVEEFIPSVV E P SFGIGR.I	1.05	R&H (2D-GIST)
gii21356425	FBgn0027552	1088.09	2174.17	2174.16	0.01	0	70	6.00E-06	1	K.IKPIHNQIECHPALNQK.K	1.43	R&H (2D-GIST)
gii21356425	FBgn0027552	630.84	1259.67	1259.67	0	0	51	0.0006	1	R.ATLHAIDVG YR.H	0.83	F&H (2D-GIST)
gii21356425	FBgn0027552	629.34	1256.66	1256.65	0.01	0	40	0.0072	1	R.ATLHAIDVG YR.H	1.19	R&L (2D-GIST)
gii21356425	FBgn0027552	669.31	1336.6	1336.6	0	0	33	0.011	1	K.LWCHFHEPK.R	1.64	R&L (2D-GIST)
gii19920676	FBgn0027560	1084.55	2167.09	2167.08	0.02	0	38	0.0079	1	K.ATEAHCALEARPPVQWNK.G	0.54	R&H (2D-GIST)
gii19920676	FBgn0027560	765.39	1528.77	1528.76	0.01	0	74	2.70E-06	1	K.IFWPLFHSM PGR.A	0.60	F&H (2D-GIST)

gii19920676	FBgn0027560	982.47	1962.93	1962.91	0.01	0	31	0.023	1	R.ANFGGEHWHDYVTVNK.H	0.54	R&H (2D-GIST)
gii19920676	FBgn0027560	766.91	1531.8	1531.78	0.01	0	59	7.60E-05	1	K.IFWPLFHSMMPGR.A	0.72	R&H (2D-GIST)
gii19920632	FBgn0027571	796.91	1591.81	1591.81	0	0	58	0.0001	1	R.AAPQLDLGGGHYVPR.Q	0.66	F&H (2D-GIST)
gii19920632	FBgn0027571	1183.63	2365.25	2365.24	0.02	0	140	4.70E-13	1	R.MLLELTHEAIIDAGLNPSDLR.G	0.83	R&H (2D-GIST)
gii19920632	FBgn0027571	798.42	1594.82	1594.83	-0.01	0	36	0.018	1	R.AAPQLDLGGGHYVPR.Q	0.93	R&H (2D-GIST)
gii19920632	FBgn0027571	788.42	2362.23	2362.22	0.01	0	49	0.0006	1	R.MLLELTHEAIIDAGLNPSDLR.G	0.70	R&L (2D-GIST)
gii19920632	FBgn0027571	786.37	1570.72	1570.72	0	0	50	0.00028	1	K.MAAVGLSWEDAHSR.V	0.97	F&H (2D-GIST)
gii19920632	FBgn0027571	798.42	1594.83	1594.83	0.01	0	48	0.0013	1	R.AAPQLDLGGGHYVPR.Q	0.86	R&H (2D-GIST)
gii19920632	FBgn0027571	742.39	1482.76	1482.77	0	0	90	7.10E-08	1	K.TPVVMENLVFHR.A	0.85	R&L (2D-GIST)
gii19920632	FBgn0027571	523.78	1045.55	1045.55	0	0	33	0.035	1	K.AIPNHFFR.G	0.90	R&H (2D-GIST)
gii24652216	FBgn0027580	973.95	1945.89	1945.88	0.01	0	51	0.0002	1	K.ENDVDAVHPGYGFLSER.S	1.08	F&H (2D-GIST)
gii24652216	FBgn0027580	1199.14	2396.27	2396.26	0.01	0	57	9.20E-05	1	K.SVVEYLQGSIGIPHGFPPEPLR.S	0.66	R&H (2D-GIST)
gii24652216	FBgn0027580	975.44	1948.87	1948.9	-0.02	0	49	0.00023	1	K.ENDVDAVHPGYGFLSER.S	0.88	R&H (2D-GIST)
gii24652216	FBgn0027580	1205.12	2408.23	2408.23	0	0	40	0.0074	1	K.FLHGVLDTYFIDEHPQLFK.F	1.03	R&H (2D-GIST)
gii24652216	FBgn0027580	601.82	1201.63	1201.63	0	0	53	0.00028	1	K.AGNVVHLYER.D	0.92	F&H (2D-GIST)
gii24652216	FBgn0027580	658.3	1314.58	1314.58	0	0	30	0.014	1	R.FLHECPWER.L	1.40	R&L (2D-GIST)
gii19921088	FBgn0027611	1082.07	2162.13	2162.12	0.02	0	63	2.20E-05	1	R.FALTYNPLAHTVNEYVR.I	1.16	F&H (2D-GIST)
gii19921088	FBgn0027611	985.99	1969.97	1969.97	0.01	0	61	3.30E-05	1	R.ETLGIMQHHDAITGTEK.E	1.06	R&H (2D-GIST)
gii19921088	FBgn0027611	485.25	968.49	968.49	0	0	31	0.027	1	K.HHLFFGK.S	1.25	F&H (2D-GIST)
gii19921088	FBgn0027611	485.25	968.49	968.49	0	0	41	0.0025	1	K.HHLFFGK.S	1.00	R&L (2D-GIST)
gii18858089	FBgn0028342	542.28	1082.54	1082.54	0	0	56	0.0001	1	K.TFYDAAVVR.Q	0.60	F&H (2D-GIST)
gii18858089	FBgn0028342	783.95	1565.88	1565.87	0.01	0	66	9.00E-06	1	K.AQAAIAVEVAELVK.A	0.73	F&H (2D-GIST)
gii18858089	FBgn0028342	775.77	2324.3	2324.27	0.03	0	30	0.018	1	K.HVPTLAVLKPQVQVENDGK.T	1.14	F&H (2D-GIST)
gii18858089	FBgn0028342	778.79	2333.34	2333.33	0.01	0	49	0.00019	1	K.HVPTLAVLKPQVQVENDGK.T	0.78	R&H (2D-GIST)
gii18858089	FBgn0028342	542.28	1082.55	1082.54	0.01	0	47	0.00078	1	K.TFYDAAVVR.Q	0.81	R&L (2D-GIST)
gii24583079	FBgn0028479	734.88	1467.75	1467.73	0.01	0	31	0.045	1	K.VVGMHYFSPVDK.M	0.73	R&H (2D-GIST)
gii24583079	FBgn0028479	939.53	1877.05	1877.04	0.01	0	46	0.00084	1	K.LGLPEVMLGLLPGGGTVR.L	0.91	R&L (2D-GIST)
gii24583079	FBgn0028479	883.48	1764.95	1764.95	0	1	29	0.066	1	K.RGTRPVNNDALIVK.Q	1.03	F&H (2D-GIST)
gii19920670	FBgn0028482	992.54	2974.59	2974.58	0.01	0	28	0.052	1	K.VQVLA VGTETQQSVPSELLIDVPSQR.K	1.13	R&H (2D-GIST)
gii19920670	FBgn0028482	745.38	1488.75	1488.75	0	0	47	0.0013	1	R.LHLVENHPEFGR.A	0.81	F&H (2D-GIST)
gii19920670	FBgn0028482	497.26	1488.75	1488.75	0	0	30	0.066	1	R.LHLVENHPEFGR.A	0.93	F&H (2D-GIST)
gii19920670	FBgn0028482	746.89	1491.77	1491.77	0	0	55	0.00023	1	R.LHLVENHPEFGR.A	0.75	R&H (2D-GIST)
gii19920670	FBgn0028482	497.26	1488.75	1488.75	0	0	33	0.032	1	R.LHLVENHPEFGR.A	0.93	R&L (2D-GIST)
gii19921306	FBgn0028544	1132.13	2262.24	2262.22	0.02	0	55	9.80E-05	1	K.AVNVQVPVHVDRPYPVYVK.V	0.60	F&H (2D-GIST)
gii19921306	FBgn0028544	1135.13	2268.24	2268.25	-0.01	0	30	0.041	1	K.AVNVQVPVHVDRPYPVYVK.V	0.87	R&H (2D-GIST)
gii19921306	FBgn0028544	1282.06	3843.16	3843.11	0.05	0	51	2.00E-05	1	K.VPVHVVPDRPVPVEVPRPYPVPVAKPYPVYVEK.A	1.31	R&L (2D-GIST)
gii19921306	FBgn0028544	708.05	2121.14	2121.14	0	0	36	0.013	1	K.GIPVPVHVDRPYPVVEHEK.R	0.71	F&H (2D-GIST)
gii19921306	FBgn0028544	1061.58	2121.14	2121.14	0.01	0	40	0.0048	1	K.GIPVPVHVDRPYPVVEHEK.R	0.72	F&H (2D-GIST)
gii19921306	FBgn0028544	1064.59	2127.18	2127.17	0	0	54	0.00019	1	K.GIPVPVHVDRPYPVVEHEK.R	0.83	R&H (2D-GIST)

gij19921306	FBgn0028544	710.07	2127.18	2127.17	0	0	33	0.022	1	K.GIPVPVHVDRPYPVVEK.R	0.89	R&H (2D-GIST)
gij6523177	FBgn0028646	1301.68	2601.34	2601.31	0.03	0	92	3.40E-08	1	K.ITTPLEQAAASVTTENLDHIGGYR.A	0.86	R&H (2D-GIST)
gij6523177	FBgn0028646	576.27	1150.52	1150.52	0	0	34	0.012	1	R.HEGFMGLYR.G	0.87	R&L (2D-GIST)
gij18860063	FBgn0028686	743.37	1484.73	1484.73	0	1	46	0.0016	1	K.EYLHAQEEVKR.I	0.80	F&H (2D-GIST)
gij18860063	FBgn0028686	718.9	1435.78	1435.78	0	0	29	0.058	1	R.ADTLDPALLRPGR.L	0.92	F&H (2D-GIST)
gij18860063	FBgn0028686	743.37	1484.73	1484.73	0	1	38	0.0092	1	K.EYLHAQEEVKR.I	1.13	F&H (2D-GIST)
gij18860063	FBgn0028686	746.39	1490.77	1490.76	0.01	1	41	0.0048	1	K.EYLHAQEEVKR.I	0.90	R&H (2D-GIST)
gij21355773	FBgn0028688	809.44	1616.87	1616.86	0.01	0	81	5.50E-07	1	R.LGLFYLDHDLITR.N	1.02	F&H (2D-GIST)
gij21355773	FBgn0028688	584.35	1166.68	1166.68	0	0	44	0.0012	1	R.LDIVFHLIR.L	0.83	F&H (2D-GIST)
gij21355773	FBgn0028688	456.91	1367.7	1367.7	0	0	49	0.00062	1	R.LDYLIHPHYR.Y	0.97	F&H (2D-GIST)
gij21355773	FBgn0028688	684.86	1367.7	1367.7	0	0	52	0.00028	1	R.LDYLIHPHYR.Y	0.65	R&L (2D-GIST)
gij21355773	FBgn0028688	456.91	1367.7	1367.7	0	0	46	0.0013	1	R.LDYLIHPHYR.Y	1.25	R&L (2D-GIST)
gij11245459	FBgn0028692	640.87	1279.72	1279.72	0	0	58	4.40E-05	1	K.LTATASLGVHR.G	1.47	F&H (2D-GIST)
gij11245459	FBgn0028692	798.93	1595.84	1595.83	0.01	0	64	3.70E-05	1	K.LLHVAVSDVNDDVR.R	1.02	R&H (2D-GIST)
gij11245459	FBgn0028692	640.87	1279.73	1279.72	0	0	37	0.0053	1	K.LTATASLGVHR.G	1.02	R&L (2D-GIST)
gij10334981	FBgn0028692	970.47	2908.4	2908.4	-0.01	0	73	1.90E-06	1	R.VSICHTATVIANAFMHS GTTSDQFLR.D	0.98	F&H (2D-GIST)
gij10334981	FBgn0028692	969.47	2905.4	2905.39	0.01	0	62	2.70E-05	1	R.VSICHTATVIANAFMHS GTTSDQFLR.D	0.63	R&L (2D-GIST)
gij11245459	FBgn0028692	545.93	1634.78	1634.78	0	0	36	0.012	1	R.HGGCLGLGLAGMGTHR.Q	1.10	F&H (2D-GIST)
gij11245459	FBgn0028692	545.93	1634.78	1634.78	0	0	60	4.90E-05	1	R.HGGCLGLGLAGMGTHR.Q	1.00	R&L (2D-GIST)
gij21356859	FBgn0028695	770.97	1539.93	1539.91	0.01	0	31	0.013	1	R.AVPLALGLISASNP.K.L	0.56	F&H (2D-GIST)
gij21356859	FBgn0028695	1050.58	2099.15	2099.15	0	0	90	4.60E-08	1	K.TITGFQTH TTPVLLAIGER.A	0.39	R&H (2D-GIST)
gij21356859	FBgn0028695	638.81	1275.61	1275.61	0	0	34	0.013	1	R.IGDWGHYVR.H	0.71	R&H (2D-GIST)
gij17932854	FBgn0028734	718.4	1434.8	1434.79	0.01	0	49	0.00044	1	K.VLLEYHLSHLK.E	0.69	F&H (2D-GIST)
gij10717161	FBgn0028734	718.4	1434.79	1434.79	0.01	0	48	0.00071	1	K.VLLEYHLSHLK.E	0.86	F&H (2D-GIST)
gij17932854	FBgn0028734	718.4	1434.79	1434.79	0.01	0	56	9.70E-05	1	K.VLLEYHLSHLK.E	0.90	R&L (2D-GIST)
gij10717161	FBgn0028734	741.71	2222.12	2222.12	0	1	42	0.0033	1	R.VRDDL MGLAIGSHG SNIQAAR.T	0.69	F&H (2D-GIST)
gij10717161	FBgn0028734	741.72	2222.13	2222.12	0.01	1	52	0.00038	1	R.VRDDL MGLAIGSHG SNIQAAR.T	1.19	R&L (2D-GIST)
gij45550190	FBgn0028938	825.97	1649.92	1649.91	0.01	0	54	0.00012	1	K.IPVEKPVVHIEK.H	0.76	F&H (2D-GIST)
gij45550190	FBgn0028938	787.41	1572.8	1572.79	0.01	0	47	0.0017	1	K.HVHVDPKYPVEK.V	1.33	R&L (2D-GIST)
gij45550190	FBgn0028938	839.41	1676.8	1676.79	0	1	41	0.0033	1	K.HVTYKEPEFHK.H	0.50	F&H (2D-GIST)
gij45550190	FBgn0028938	559.94	1676.79	1676.79	0	1	32	0.028	1	K.HVTYKEPEFHK.H	0.89	F&H (2D-GIST)
gij45550190	FBgn0028938	843.93	1685.85	1685.85	0	1	42	0.0042	1	K.HVTYKEPEFHK.H	0.84	R&H (2D-GIST)
gij45550190	FBgn0028938	559.94	1676.8	1676.79	0	1	38	0.0076	1	K.HVTYKEPEFHK.H	1.07	R&L (2D-GIST)
gij6179938	FBgn0028968	827.5	1652.98	1652.97	0.01	0	65	3.60E-06	1	R.LAQLPGIQVLGPIHR.S	0.85	F&H (2D-GIST)
gij6179938	FBgn0028968	829.01	1656	1655.99	0.01	0	55	4.20E-05	1	R.LAQLPGIQVLGPIHR.S	0.80	R&H (2D-GIST)
gij24651660	FBgn0028968	780.91	1559.81	1559.8	0.01	0	68	1.00E-05	1	K.HTVLMNFLSGMLR.E	1.24	R&L (2D-GIST)
gij6634090	FBgn0029155	1158.56	2315.11	2315.08	0.03	0	77	8.90E-07	1	R.YGQNTLIQFEDFGNHNAFR.F	0.90	F&H (2D-GIST)
gij6634090	FBgn0029155	772.71	2315.1	2315.08	0.02	0	49	0.00057	1	R.YGQNTLIQFEDFGNHNAFR.F	0.80	F&H (2D-GIST)
gij6634090	FBgn0029155	1158.55	2315.08	2315.08	0	0	88	5.40E-08	1	R.YGQNTLIQFEDFGNHNAFR.F	1.28	F&H (2D-GIST)

gii6634090	FBgn0029155	666.87	1331.73	1331.73	0	0	41	0.0046	1	R.QTLGIHGLQPAR.F	0.50	F&H (2D-GIST)
gii6634090	FBgn0029155	1158.55	2315.08	2315.08	0	0	84	1.50E-07	1	R.YGQNTLIQFEDFGNHNAFR.F	0.74	R&H (2D-GIST)
gii6634090	FBgn0029155	772.71	2315.1	2315.08	0.02	0	35	0.013	1	R.YGQNTLIQFEDFGNHNAFR.F	0.81	R&H (2D-GIST)
gii6634090	FBgn0029155	510.93	1529.78	1529.77	0	0	30	0.087	1	R.RPHGLFITTYNDR.G	0.78	F&H (2D-GIST)
gii18857987	FBgn0029779	792.4	1582.78	1582.78	0	0	69	6.70E-06	1	K.NEPEAGASSIAHSIR.Q	1.00	F&H (2D-GIST)
gii18857987	FBgn0029779	657.88	1313.75	1313.74	0.01	0	36	0.012	1	R.ITLPLCIFHR.F	1.10	F&H (2D-GIST)
gii18857987	FBgn0029779	790.89	1579.77	1579.76	0.01	0	64	2.10E-05	1	K.NEPEAGASSIAHSIR.Q	1.10	R&L (2D-GIST)
gii18857987	FBgn0029779	656.37	1310.72	1310.72	0.01	0	44	0.0021	1	R.ITLPLCIFHR.F	1.13	R&L (2D-GIST)
gii24640147	FBgn0029875	1131.06	2260.1	2260.11	-0.01	0	58	7.00E-05	1	R.TTTTSTRPDQPDGEVLTSTK.T	1.07	R&H (2D-GIST)
gii24640147	FBgn0029875	686.69	2057.04	2057.04	0	0	49	0.00091	1	R.IIETQVEHPNAPSHSTPR.S	0.88	F&H (2D-GIST)
gii24640147	FBgn0029875	697.99	2090.96	2090.97	-0.01	0	38	0.0044	1	R.NVFEPVHETHVDSEPTGR.R	0.75	F&H (2D-GIST)
gii24640147	FBgn0029875	677.33	2028.97	2028.97	0	1	30	0.041	1	R.RQPVEEDFSTHGFPVSR.T	0.76	F&H (2D-GIST)
gii24640147	FBgn0029875	709.68	2126.01	2126	0	1	34	0.015	1	K.RYETEQLTPSQSHTTHK.Q	0.92	F&H (2D-GIST)
gii24640147	FBgn0029875	686.69	2057.04	2057.04	0	0	53	0.00034	1	R.IIETQVEHPNAPSHSTPR.S	0.91	R&H (2D-GIST)
gii24640499	FBgn0029996	888.96	1775.91	1775.92	-0.01	0	72	3.90E-06	1	K.HEVTILGGLNEFHV.K	1.36	F&H (2D-GIST)
gii24640499	FBgn0029996	619.29	1854.86	1854.85	0	0	33	0.014	1	R.DAAALYLHEPEEYHR.K	1.37	R&L (2D-GIST)
gii28571140	FBgn0030086	1317.21	2632.4	2632.38	0.02	0	60	4.40E-05	1	R.ALLSLPTAIADNAGYDSAQLVSEL.R.A	0.72	F&H (2D-GIST)
gii28571140	FBgn0030086	854.94	1707.86	1707.85	0.01	0	49	0.0008	1	R.NAGHVEVTNDGATILR.A	0.62	F&H (2D-GIST)
gii28571140	FBgn0030086	832.4	1662.78	1662.78	0.01	0	61	2.20E-05	1	R.VMSIEHADFDGIER.L	0.91	R&H (2D-GIST)
gii28571140	FBgn0030086	856.45	1710.88	1710.87	0	0	63	2.80E-05	1	R.NAGHVEVTNDGATILR.A	1.06	R&H (2D-GIST)
gii24640775	FBgn0030106	1025.97	2049.92	2049.91	0	0	61	9.90E-06	1	R.TISLYSDNPSETPHCR.L	0.71	F&H (2D-GIST)
gii24640775	FBgn0030106	998.47	1994.93	1994.92	0.01	0	103	1.60E-09	1	K.EVPLGEHNYHVNQFDR.I	1.44	F&H (2D-GIST)
gii24640775	FBgn0030106	665.98	1994.92	1994.92	0	0	29	0.043	1	K.EVPLGEHNYHVNQFDR.I	0.87	R&L (2D-GIST)
gii24640775	FBgn0030106	998.47	1994.92	1994.92	0	0	91	2.40E-08	1	K.EVPLGEHNYHVNQFDR.I	0.93	R&L (2D-GIST)
gii45554875	FBgn0030317	628.84	1255.66	1255.66	0	0	66	1.90E-05	1	R.FLDLSVEHV.R	0.72	F&H (2D-GIST)
gii45554875	FBgn0030317	880.93	1759.85	1759.85	0	1	77	1.20E-06	1	R.RDDHALGVYFENL.K.E	1.00	F&H (2D-GIST)
gii45554875	FBgn0030317	880.94	1759.86	1759.85	0.01	1	81	4.80E-07	1	R.RDDHALGVYFENL.K.E	0.82	R&L (2D-GIST)
gii45554875	FBgn0030317	628.84	1255.66	1255.66	0	0	62	4.80E-05	1	R.FLDLSVEHV.R	1.06	R&L (2D-GIST)
gii18859967	FBgn0030608	682.37	1362.72	1362.71	0	0	36	0.014	1	K.DLLPHLES.LER.I	1.01	F&H (2D-GIST)
gii18859967	FBgn0030608	673.88	1345.74	1345.74	0.01	0	52	0.00031	1	K.VIDVVQPHLER.V	1.11	F&H (2D-GIST)
gii18859967	FBgn0030608	673.88	1345.74	1345.74	0	0	44	0.0018	1	K.VIDVVQPHLER.V	1.17	R&L (2D-GIST)
gii18921183	FBgn0030653	1023.04	2044.06	2044.04	0.02	0	57	0.00013	1	R.HTFLGGAAAQELALATGSER.L	1.47	F&H (2D-GIST)
gii18921183	FBgn0030653	635.68	1904.03	1904.03	0	0	28	0.099	1	M.PRPVLLIHGGAGDISDSR.I	1.37	R&H (2D-GIST)
gii18859877	FBgn0030853	848.46	1694.9	1694.9	0	1	34	0.022	1	R.VEAILSYPEGHKR.G	0.74	F&H (2D-GIST)
gii18859877	FBgn0030853	938.95	1875.88	1875.88	0.01	0	48	0.00065	1	K.YHIQVCTTTPCWLR.G	0.90	F&H (2D-GIST)
gii18859877	FBgn0030853	618.01	1851	1851	0	2	40	0.0054	1	K.RVEAILSYPEGHKR.G	0.83	F&H (2D-GIST)
gii18859877	FBgn0030853	618.01	1851	1851	0	2	33	0.025	1	K.RVEAILSYPEGHKR.G	1.25	R&L (2D-GIST)
gii19528569	FBgn0030976	744.33	1486.65	1486.65	0	0	44	0.00055	1	R.YGQVDTGHSYYR.D	0.41	F&H (2D-GIST)
gii19528569	FBgn0030976	843.94	1685.86	1685.84	0.01	0	74	2.70E-06	1	R.LMGITHVLNAAEGCR.Y	0.82	R&H (2D-GIST)

gil18860539	FBgn0031021	727.88	1453.75	1453.75	0	0	57	0.00012	1	K.TALARPEELEQR.N	0.66	F&H (2D-GIST)
gil18860539	FBgn0031021	757.76	2270.24	2270.23	0.02	0	51	0.00023	1	K.ITVPTAVNLSPISGVPEEHIR.E	0.86	R&L (2D-GIST)
gil38047659	FBgn0031035	858.49	1714.96	1714.95	0.01	0	36	0.012	1	K.HPELESIPNLHVIK.A	1.03	R&H (2D-GIST)
gil24643307	FBgn0031035	1014.49	2026.96	2026.94	0.02	0	98	7.90E-09	1	R.HYYWYLTNEGIEELR.S	1.17	F&H (2D-GIST)
gil24643307	FBgn0031035	1014.48	2026.95	2026.94	0.01	0	90	4.00E-08	1	R.HYYWYLTNEGIEELR.S	0.85	R&L (2D-GIST)
gil24643307	FBgn0031035	887.5	2659.46	2659.45	0.01	2	36	0.0087	1	K.KDFHAQKHPELESIPNLHVIK.A	1.35	F&H (2D-GIST)
gil24643307	FBgn0031035	826.77	2477.28	2477.27	0.01	1	29	0.062	1	K.DFHAQKHPELESIPNLHVIK.A	1.01	F&H (2D-GIST)
gil24643307	FBgn0031035	829.79	2486.34	2486.33	0.02	1	45	0.0015	1	K.DFHAQKHPELESIPNLHVIK.A	0.95	R&H (2D-GIST)
gil24643307	FBgn0031035	887.49	2659.46	2659.45	0.01	2	36	0.0083	1	K.KDFHAQKHPELESIPNLHVIK.A	1.18	R&H (2D-GIST)
gil19920382	FBgn0031092	878.78	2633.32	2633.32	0.01	0	34	0.02	1	K.VYQDSISSLEHCPKPVITAVHK.A	1.13	R&L (2D-GIST)
gil19920382	FBgn0031092	1317.68	2633.35	2633.32	0.04	0	40	0.0053	1	K.VYQDSISSLEHCPKPVITAVHK.A	1.30	R&L (2D-GIST)
gil19920382	FBgn0031092	839.93	1677.85	1677.86	-0.01	1	62	3.60E-05	1	R.KFEAAEAHSSGLVSR.L	0.46	R&H (2D-GIST)
gil19920382	FBgn0031092	836.92	1671.83	1671.82	0.01	1	76	1.70E-06	1	R.KFEAAEAHSSGLVSR.L	0.34	R&L (2D-GIST)
gil23394956	FBgn0031294	711.89	1421.76	1421.75	0.01	0	86	1.30E-07	1	R.EIDIAATLEHLR.D	0.84	F&H (2D-GIST)
gil24580760	FBgn0031294	930.13	2787.36	2787.36	0.01	0	77	8.40E-07	1	R.VLATMLEELQGAGLGWDHPYVQCR.I	0.51	R&H (2D-GIST)
gil23394956	FBgn0031294	879.76	2636.26	2636.26	0	0	41	0.0025	1	R.EAASQPQCAGLNRPGAPLPYDHSR.V	1.60	F&H (2D-GIST)
gil24581168	FBgn0031438	806.92	1611.83	1611.83	0	0	58	0.0001	1	K.AETLLNESDHIAVR.R	0.93	F&H (2D-GIST)
gil24581168	FBgn0031438	920.52	1839.02	1839.03	0	0	55	0.00012	1	R.RPLVLQLIYSPLDDR.E	1.15	F&H (2D-GIST)
gil24581168	FBgn0031438	549.31	1096.61	1096.61	0	0	33	0.028	1	R.ANHIISEIR.E	0.63	F&H (2D-GIST)
gil24581168	FBgn0031438	700.33	1398.64	1398.64	0	0	63	1.20E-05	1	R.MGYIFHETFGR.T	0.72	F&H (2D-GIST)
gil24581168	FBgn0031438	701.84	1401.67	1401.66	0.01	0	48	0.00041	1	R.MGYIFHETFGR.T	0.95	R&H (2D-GIST)
gil17944492	FBgn0031544	688.4	1374.79	1374.78	0.01	0	38	0.005	1	K.LNIPNIPLHFR.T	1.01	R&L (2D-GIST)
gil17944492	FBgn0031544	858.14	2571.4	2571.4	0	1	30	0.026	1	K.RQDLVSLVAGLMRPQLDQAHIK.I	0.83	F&H (2D-GIST)
gil17944492	FBgn0031544	858.14	2571.41	2571.4	0.02	1	38	0.0034	1	K.RQDLVSLVAGLMRPQLDQAHIK.I	1.21	R&L (2D-GIST)
gil19920794	FBgn0031771	642.84	1283.66	1283.66	0	1	42	0.0028	1	R.RGGVWFASFGR.T	0.75	R&H (2D-GIST)
gil19920794	FBgn0031771	570.3	1138.58	1138.58	0	0	32	0.033	1	R.HFRPEIEK.R	0.97	R&L (2D-GIST)
gil19921140	FBgn0032350	1413.24	2824.47	2824.49	-0.02	0	109	6.50E-10	1	K.MTLEEIWPLADYITVHTPLIPATR.N	0.74	R&H (2D-GIST)
gil19921140	FBgn0032350	884.48	1766.94	1766.94	0	0	71	5.30E-06	1	K.VVATPHLGASTSEAQVR.V	0.88	R&H (2D-GIST)
gil19921140	FBgn0032350	941.5	2821.49	2821.47	0.02	0	38	0.0069	1	K.MTLEEIWPLADYITVHTPLIPATR.N	0.89	R&L (2D-GIST)
gil7297967	FBgn0032444	1014.56	3040.65	3040.62	0.04	0	41	0.0026	1	R.AFADALEVIPSTLAENAGLNPIATVTEL.R.N	1.00	F&H (2D-GIST)
gil7297967	FBgn0032444	1014.54	3040.61	3040.62	0	0	29	0.049	1	R.AFADALEVIPSTLAENAGLNPIATVTEL.R.N	0.69	R&H (2D-GIST)
gil7297967	FBgn0032444	735.87	1469.73	1469.73	0	0	40	0.0052	1	K.GLHPTAISDSFQR.C	1.00	F&H (2D-GIST)
gil7297967	FBgn0032444	606.32	1210.62	1210.61	0	0	37	0.011	1	R.SLHDALCVVR.C	1.01	F&H (2D-GIST)
gil24583960	FBgn0032453	1027.53	2053.04	2053.03	0.01	0	89	1.10E-07	1	K.GEVLSAYVGSPPPTDGLHR.Y	0.63	R&H (2D-GIST)
gil24583960	FBgn0032453	685.35	2053.04	2053.03	0.01	0	39	0.011	1	K.GEVLSAYVGSPPPTDGLHR.Y	1.48	R&H (2D-GIST)
gil24583960	FBgn0032453	1003.02	2004.02	2004.01	0.01	0	78	9.40E-07	1	R.EWHHWLVGNIPGGDVAK.G	1.40	R&H (2D-GIST)
gil28574473	FBgn0032538	752.42	1502.83	1502.82	0	0	59	6.30E-05	1	K.VPVHVERPVYPK.V	0.69	F&H (2D-GIST)
gil28574473	FBgn0032538	675.06	2022.14	2022.14	0	1	34	0.0086	1	R.VIHKVPVHVERPVYPK.V	0.82	F&H (2D-GIST)
gil28574473	FBgn0032538	675.06	2022.14	2022.14	0	1	40	0.0022	1	R.VIHKVPVHVERPVYPK.V	0.74	F&H (2D-GIST)

gii28574473	FBgn0032538	675.06	2022.15	2022.14	0.01	1	36	0.0048	1	R.VIHKVPVHVERPVYK.V	1.02	R&L (2D-GIST)
gii24585223	FBgn0032783	628.35	1254.69	1254.69	0	0	38	0.01	1	K.HNILTVPFNR.D	0.96	F&H (2D-GIST)
gii24585223	FBgn0032783	819.95	1637.88	1637.89	-0.01	1	31	0.046	1	K.RIVDWLQDSVPLR.I	1.13	F&H (2D-GIST)
gii24585223	FBgn0032783	628.36	1254.7	1254.69	0.01	0	53	0.0003	1	K.HNILTVPFNR.D	0.93	R&H (2D-GIST)
gii28574357	FBgn0032797	649.65	1945.93	1945.93	0	0	30	0.036	1	R.ASYACPHGYHVVLQSR.L	0.99	F&H (2D-GIST)
gii28574357	FBgn0032797	676.69	2027.06	2027.05	0.01	0	38	0.011	1	K.WRPLDLPQCLLQGHPR.L	1.31	F&H (2D-GIST)
gii28574357	FBgn0032797	648.64	1942.91	1942.91	0	0	44	0.0015	1	R.ASYACPHGYHVVLQSR.L	0.96	R&L (2D-GIST)
gii28574357	FBgn0032797	676.69	2027.06	2027.05	0	0	53	0.0003	1	K.WRPLDLPQCLLQGHPR.L	1.03	R&L (2D-GIST)
gii24585775	FBgn0032976	792.36	2374.06	2374.04	0.01	0	52	8.20E-05	1	K.AADGENACTSATGGGYRPGNFR.K	1.39	R&H (2D-GIST)
gii24585775	FBgn0032976	788.06	2361.15	2361.15	0.01	0	47	0.00092	1	K.EVTSIAIVHFVNDQQSQHPR.S	1.14	F&H (2D-GIST)
gii24585880	FBgn0033035	1224.62	2447.22	2447.19	0.03	1	51	0.00055	1	R.WRYPSLSVHGIEGAFYEPGAK.T	0.95	R&L (2D-GIST)
gii24585880	FBgn0033035	693.83	1385.65	1385.64	0.01	0	56	9.20E-05	1	K.HVFNVEPDMTR.E	1.44	R&L (2D-GIST)
gii45552461	FBgn0033109	848.46	1694.91	1694.9	0.01	0	92	3.70E-08	1	R.TLTEPVVDLVFHQR.R	0.82	F&H (2D-GIST)
gii45552461	FBgn0033109	849.97	1697.92	1697.92	0	0	60	5.90E-05	1	R.TLTEPVVDLVFHQR.R	0.85	R&H (2D-GIST)
gii45552461	FBgn0033109	654.35	1306.69	1306.69	0	0	45	0.002	1	R.HGLIFTTGFNR.S	0.79	F&H (2D-GIST)
gii45552461	FBgn0033109	848.46	1694.91	1694.9	0.01	0	79	7.50E-07	1	R.TLTEPVVDLVFHQR.R	0.93	R&L (2D-GIST)
gii19921772	FBgn0033235	1125.57	3373.68	3373.67	0.01	0	79	5.30E-07	1	R.AVNFELETLMGRPEQEPILMDMIIHAAAFR.D	0.86	R&H (2D-GIST)
gii19921772	FBgn0033235	702.7	2105.08	2105.08	0	0	41	0.0052	1	R.MVIAGVGVDDHDELVSHVQR.Y	1.24	R&H (2D-GIST)
gii21886539	FBgn0033246	804.91	1607.8	1607.79	0	1	49	0.00065	1	R.RVDTTEEFPLFR.Q	0.45	F&H (2D-GIST)
gii21886539	FBgn0033246	725.41	1448.8	1448.8	0	0	54	0.00015	1	K.STEPIHIVSVA VR.E	0.49	F&H (2D-GIST)
gii21886539	FBgn0033246	726.92	1451.82	1451.82	0	0	56	0.00011	1	K.STEPIHIVSVA VR.E	0.40	R&H (2D-GIST)
gii21886539	FBgn0033246	806.41	1610.81	1610.81	0	1	56	0.00013	1	R.RVDTTEEFPLFR.Q	0.60	R&H (2D-GIST)
gii19921806	FBgn0033268	673.39	1344.76	1344.75	0.01	0	57	0.00013	1	K.VENLVAQLGQGK.E	0.74	F&H (2D-GIST)
gii19921806	FBgn0033268	877.46	1752.91	1752.89	0.02	1	84	2.30E-07	1	K.VENLVAQLGQGKEDK.A	0.89	F&H (2D-GIST)
gii19921806	FBgn0033268	673.39	1344.76	1344.75	0.01	0	58	0.0001	1	K.VENLVAQLGQGK.E	1.24	R&H (2D-GIST)
gii19921806	FBgn0033268	877.46	1752.91	1752.89	0.02	1	87	1.10E-07	1	K.VENLVAQLGQGKEDK.A	1.00	R&L (2D-GIST)
gii19921864	FBgn0033367	876.92	1751.84	1751.84	0	0	56	0.00011	1	R.IYEAIHQGFVMDER.G	1.11	F&H (2D-GIST)
gii19921864	FBgn0033367	783.89	1565.77	1565.77	0	1	46	0.0013	1	K.MREESFVVQPGSR.M	1.20	F&H (2D-GIST)
gii19921864	FBgn0033367	782.39	1562.76	1562.75	0.01	1	36	0.015	1	K.MREESFVVQPGSR.M	1.23	R&L (2D-GIST)
gii19921864	FBgn0033367	875.42	1748.83	1748.82	0.01	0	89	6.50E-08	1	R.IYEAIHQGFVMDER.G	1.24	R&L (2D-GIST)
gii21645553	FBgn0033434	840.78	2519.31	2519.31	-0.01	0	52	0.00049	1	R.MNAFLEHGIPANLVATHIVNASR.E	1.41	F&H (2D-GIST)
gii21645553	FBgn0033434	840.78	2519.32	2519.31	0.01	0	57	0.00013	1	R.MNAFLEHGIPANLVATHIVNASR.E	1.03	R&H (2D-GIST)
gii21645553	FBgn0033434	506.62	1516.84	1516.84	0	0	46	0.0013	1	K.ELLHIHSTVASLR.K	1.43	F&H (2D-GIST)
gii21645553	FBgn0033434	507.63	1519.86	1519.85	0	0	35	0.017	1	K.ELLHIHSTVASLR.K	0.88	R&H (2D-GIST)
gii21645553	FBgn0033434	839.77	2516.3	2516.3	0.01	0	81	3.60E-07	1	R.MNAFLEHGIPANLVATHIVNASR.E	0.71	R&L (2D-GIST)
gii20129835	FBgn0033460	653.91	1305.8	1305.8	0	0	32	0.011	1	R.LPLGIVIHPPFR.D	1.13	R&H (2D-GIST)
gii20129835	FBgn0033460	771.72	2312.13	2312.12	0.01	0	34	0.017	1	K.VVLHNQFHESINCSPSIMR.C	0.85	F&H (2D-GIST)
gii20129835	FBgn0033460	770.71	2309.1	2309.1	0	0	48	0.00079	1	K.VVLHNQFHESINCSPSIMR.C	1.14	R&L (2D-GIST)
gii28573391	FBgn0033728	695.91	1389.81	1389.8	0.01	0	64	1.60E-05	1	K.ALDYLLSLPPAK.R	0.98	F&H (2D-GIST)

gii28573391	FBgn0033728	687.35	1372.68	1372.68	0	0	38	0.011	1	K.ATSPDSSDVIIAR.G	0.63	F&H (2D-GIST)
gii28573391	FBgn0033728	692.89	1383.77	1383.76	0.01	0	55	0.0002	1	K.ALDYLLSLPPAK.R	1.36	R&L (2D-GIST)
gii24653162	FBgn0033765	910.45	1818.88	1818.89	-0.01	0	42	0.0027	1	R.TALHLAASEGHLECVK.F	4.14	F&H (2D-GIST)
gii24653162	FBgn0033765	989.98	1977.94	1977.92	0.01	0	108	5.60E-10	1	K.LNNYETGSSAETQHLNR.E	1.14	R&H (2D-GIST)
gii24653362	FBgn0033835	927.43	1852.85	1852.84	0.01	0	62	1.50E-05	1	R.GEHVYTDEAGNTFVNR.K	0.86	R&H (2D-GIST)
gii24653362	FBgn0033835	893.96	1785.91	1785.9	0.01	0	42	0.004	1	R.NGPHVFGSPGNQVYIR.G	1.18	R&H (2D-GIST)
gii24653513	FBgn0033886	1036.03	2070.05	2070.04	0.01	1	32	0.038	1	K.TLIVHLPESDVEDDDRK.Q	1.18	R&H (2D-GIST)
gii24653513	FBgn0033886	822.93	1643.84	1643.84	0	0	45	0.0024	1	R.INELLNPPSAHQ.R.G	1.41	R&L (2D-GIST)
gii16768044	FBgn0033924	849.02	1696.02	1696.02	0	1	62	7.80E-06	1	K.KLLATTNDILHVIR.D	0.90	F&H (2D-GIST)
gii16768044	FBgn0033924	760.95	1519.88	1519.87	0.01	0	67	3.30E-06	1	K.LLATTNDILHVIR.D	0.88	F&H (2D-GIST)
gii16768044	FBgn0033924	762.45	1522.89	1522.89	0	0	63	1.50E-05	1	K.LLATTNDILHVIR.D	0.68	R&H (2D-GIST)
gii16768044	FBgn0033924	762.46	1522.9	1522.89	0.01	0	88	3.70E-08	1	K.LLATTNDILHVIR.D	0.98	R&H (2D-GIST)
gii20151711	FBgn0033958	919.93	1837.85	1837.83	0.01	0	97	6.40E-09	1	R.GHSDILEMFFGASTER.E	1.03	R&L (2D-GIST)
gii20151711	FBgn0033958	882.1	2643.28	2643.27	0.01	1	41	0.0037	1	R.IDAGISPVHINFVSNYDDKYHR.D	1.00	F&H (2D-GIST)
gii20151711	FBgn0033958	1322.64	2643.27	2643.27	0	1	47	0.00094	1	R.IDAGISPVHINFVSNYDDKYHR.D	1.36	F&H (2D-GIST)
gii24653694	FBgn0033958	823.45	1644.89	1644.89	0	0	49	0.00078	1	R.ASAQGVLQGIHHGLGR.G	0.84	F&H (2D-GIST)
gii20151711	FBgn0033958	548.3	1641.87	1641.87	0	0	39	0.0094	1	R.ASAQGVLQGIHHGLGR.G	0.70	F&H (2D-GIST)
gii20151711	FBgn0033958	823.46	1644.9	1644.89	0.01	0	56	0.00016	1	R.ASAQGVLQGIHHGLGR.G	1.39	R&H (2D-GIST)
gii20151711	FBgn0033958	548.3	1641.87	1641.87	0	0	50	0.00076	1	R.ASAQGVLQGIHHGLGR.G	1.07	R&L (2D-GIST)
gii24654046	FBgn0034079	713.88	1425.74	1425.74	0	0	77	1.50E-06	1	R.VAADFLHTQLNR.N	0.71	F&H (2D-GIST)
gii24654046	FBgn0034079	989.48	1976.94	1976.93	0.01	0	54	0.00016	1	R.NVVYYSNPTWENHHK.I	1.06	R&H (2D-GIST)
gii19922596	FBgn0034433	826.95	1651.89	1651.89	0.01	0	109	7.30E-10	1	K.LLLDGISTSQASHLR.H	0.74	F&H (2D-GIST)
gii19922596	FBgn0034433	839.39	1676.76	1676.78	-0.02	0	40	0.0024	1	R.TEYDLHFQNLAE.R.A	0.89	F&H (2D-GIST)
gii19922596	FBgn0034433	828.45	1654.89	1654.91	-0.02	0	108	8.80E-10	1	K.LLLDGISTSQASHLR.H	0.85	F&H (2D-GIST)
gii19922596	FBgn0034433	839.4	1676.79	1676.78	0.01	0	59	4.00E-05	1	R.TEYDLHFQNLAE.R.A	1.01	R&L (2D-GIST)
gii19922596	FBgn0034433	826.96	1651.9	1651.89	0.01	0	110	4.80E-10	1	K.LLLDGISTSQASHLR.H	1.05	R&L (2D-GIST)
gii19922596	FBgn0034433	697.89	1393.77	1393.77	0	0	47	0.0013	1	R.HLHAFIQTQVR.Y	0.76	F&H (2D-GIST)
gii45551136	FBgn0034618	844.45	1686.88	1686.91	-0.02	0	35	0.031	1	R.HGLIPNLLDSGSKPR.F	0.73	F&H (2D-GIST)
gii45551136	FBgn0034618	655.37	1308.73	1308.72	0.01	0	46	0.0016	1	K.LSVHPDASLLGR.K	0.54	R&H (2D-GIST)
gii45551136	FBgn0034618	818.39	2452.16	2452.15	0.01	0	59	5.90E-05	1	K.ETESHSPISEGQDAEHILYR.L	0.84	F&H (2D-GIST)
gii45551136	FBgn0034618	779.72	2336.13	2336.12	0.01	0	39	0.0072	1	R.LDNCHSTPLHVAEYLLDAAR.K	0.79	F&H (2D-GIST)
gii45551136	FBgn0034618	818.39	2452.16	2452.15	0.01	0	40	0.004	1	K.ETESHSPISEGQDAEHILYR.L	0.92	R&L (2D-GIST)
gii24657155	FBgn0034642	535.32	1068.62	1068.62	0	0	50	0.00037	1	R.LPLLEFHR.S	1.71	F&H (2D-GIST)
gii24657155	FBgn0034642	755.4	1508.79	1508.79	0	0	58	0.00011	1	K.VQVIGQWVDQHR.E	3.15	F&H (2D-GIST)
gii21464474	FBgn0034691	899.44	1796.88	1796.85	0.02	0	59	5.60E-05	1	K.DSLADWLLDCHALAR.S	0.99	F&H (2D-GIST)
gii21464474	FBgn0034691	911.04	1820.07	1820.04	0.02	0	55	6.30E-05	1	R.ILLPSNMLHAPTTVLR.E	1.07	R&H (2D-GIST)
gii24762535	FBgn0034968	829.44	1656.87	1656.87	0.01	0	95	2.40E-08	1	K.HSGNIGFEDILAIAR.V	0.94	F&H (2D-GIST)
gii24762535	FBgn0034968	1071.51	2141	2140.99	0.01	0	70	3.50E-06	1	K.HPHDVIDELNEGSIEVPAE.-	1.40	F&H (2D-GIST)
gii24762535	FBgn0034968	1073.03	2144.04	2144.01	0.03	0	43	0.0023	1	K.HPHDVIDELNEGSIEVPAE.-	0.71	R&H (2D-GIST)

gij24762535	FBgn0034968	829.44	1656.87	1656.87	0.01	0	92	5.00E-08	1	K.HSGNIGFEDILAIAR.V	1.00	R&H (2D-GIST)
gij24762535	FBgn0034968	829.44	1656.88	1656.87	0.01	0	68	1.20E-05	1	K.HSGNIGFEDILAIAR.V	1.20	F&H (2D-GIST)
gij24762535	FBgn0034968	827.93	1653.85	1653.85	0.01	0	120	6.70E-11	1	K.HSGNIGFEDILAIAR.V	1.05	R&L (2D-GIST)
gij21687056	FBgn0035037	704.8	1407.58	1407.57	0.01	0	28	0.0042	1	R.AYHNWEEMMR.R	1.32	R&L (2D-GIST)
gij21687056	FBgn0035037	755.68	2264.01	2264.01	0	0	32	0.014	1	K.VCEHHDVPEQVANWFAR.I	1.02	F&H (2D-GIST)
gij21687056	FBgn0035037	756.69	2267.04	2267.03	0.02	0	36	0.0052	1	K.VCEHHDVPEQVANWFAR.I	0.97	R&H (2D-GIST)
gij21483594	FBgn0035060	926.01	1850.01	1850	0.01	0	90	3.90E-08	1	K.LTNHLQATQLQISSVR.S	0.92	F&H (2D-GIST)
gij21483594	FBgn0035060	927.52	1853.03	1853.02	0.01	0	63	2.50E-05	1	K.LTNHLQATQLQISSVR.S	1.09	R&H (2D-GIST)
gij21483594	FBgn0035060	519.77	1037.53	1037.53	0	1	41	0.0032	1	K.RFEEIFR.Q	0.86	F&H (2D-GIST)
gij21483594	FBgn0035060	519.77	1037.53	1037.53	0	1	43	0.0022	1	K.RFEEIFR.Q	1.08	R&L (2D-GIST)
gij20130403	FBgn0035121	1114.5	2226.98	2226.99	-0.01	1	63	8.40E-06	1	R.RPGAGGDETKDEPWAWESR.E	1.13	F&H (2D-GIST)
gij20130403	FBgn0035121	1113.55	2225.08	2225.09	-0.01	0	56	0.00012	1	R.EGRPTAEQQTLELEDQAR.A	1.22	F&H (2D-GIST)
gij20130403	FBgn0035121	1115.07	2228.12	2228.11	0.01	0	42	0.0038	1	R.EGRPTAEQQTLELEDQAR.A	0.80	R&H (2D-GIST)
gij20130403	FBgn0035121	1117.51	2233.01	2233.03	-0.02	1	29	0.025	1	R.RPGAGGDETKDEPWAWESR.E	0.88	R&H (2D-GIST)
gij20130403	FBgn0035121	1109.04	2216.07	2216.07	0.01	0	64	2.20E-05	1	K.WSHENPAHLVDIYGGNPVK.A	1.00	F&H (2D-GIST)
gij20130403	FBgn0035121	1109.05	2216.08	2216.07	0.02	0	73	2.80E-06	1	K.WSHENPAHLVDIYGGNPVK.A	1.03	R&L (2D-GIST)
gij19923002	FBgn0035147	849.95	1697.88	1697.89	-0.01	0	56	0.00016	1	R.DYIHIVDLAEGHVK.A	0.65	R&H (2D-GIST)
gij19923002	FBgn0035147	680.34	1358.67	1358.67	0	0	42	0.0047	1	R.YFNPVGAHISGR.I	0.51	F&H (2D-GIST)
gij19923002	FBgn0035147	681.86	1361.7	1361.69	0.01	0	40	0.0062	1	R.YFNPVGAHISGR.I	0.67	R&H (2D-GIST)
gij19923002	FBgn0035147	730.69	2189.06	2189.05	0.01	0	47	0.0011	1	R.RPSLSVYGSDFPTHDTGTVR.D	0.43	F&H (2D-GIST)
gij19923002	FBgn0035147	730.69	2189.06	2189.05	0.01	0	41	0.0046	1	R.RPSLSVYGSDFPTHDTGTVR.D	0.74	R&L (2D-GIST)
gij24655252	FBgn0035226	771.36	1540.71	1540.71	0.01	0	44	0.00094	1	R.MLHDYIGEDTFR.K	0.64	F&H (2D-GIST)
gij24655252	FBgn0035226	653.37	1304.73	1304.73	0.01	1	40	0.0053	1	R.DREQLAIFLR.D	1.20	F&H (2D-GIST)
gij12083059	FBgn0035226	769.85	1537.69	1537.69	0	0	45	0.00077	1	R.MLHDYIGEDTFR.K	0.85	R&L (2D-GIST)
gij24656494	FBgn0035404	817.92	1633.83	1633.82	0.01	0	40	0.0056	1	R.VVCEPLELAQEFR.K	0.74	R&H (2D-GIST)
gij24656494	FBgn0035404	787.89	1573.76	1573.75	0	0	66	1.30E-05	1	R.ILTDYGFEGHPQR.R	0.63	F&H (2D-GIST)
gij24656494	FBgn0035404	578.63	1732.87	1732.87	-0.01	1	39	0.0059	1	R.RILTDYGFEGHPQR.R	0.99	F&H (2D-GIST)
gij24656494	FBgn0035404	812.06	2433.15	2433.15	0.01	0	77	8.80E-07	1	K.DHHQAQFTNLVDIAGVDVPCR.K	0.84	F&H (2D-GIST)
gij24656494	FBgn0035404	813.07	2436.18	2436.17	0.01	0	40	0.0041	1	K.DHHQAQFTNLVDIAGVDVPCR.K	0.67	R&H (2D-GIST)
gij24656494	FBgn0035404	870.77	2609.3	2609.29	0.01	1	34	0.02	1	K.DHHQAQFTNLVDIAGVDVPCR.K	1.01	R&H (2D-GIST)
gij21355923	FBgn0035510	841.01	1680.01	1680	0.01	0	53	3.20E-05	1	K.VLAPAPLLHASPLVAK.V	0.75	R&L (2D-GIST)
gij21355923	FBgn0035510	966.51	1931	1931	0	0	61	5.50E-05	1	R.IVEYTADPVHGFNAVVR.R	0.67	R&H (2D-GIST)
gij24658292	FBgn0035600	701.86	1401.71	1401.71	0.01	0	72	3.00E-06	1	K.GLFDALDHQSVR.R	0.74	F&H (2D-GIST)
gij24658292	FBgn0035600	1334.71	2667.41	2667.38	0.02	1	68	7.40E-06	1	R.KGGEDYIFSLLTGYHDAPAGVVLRE	0.73	R&H (2D-GIST)
gij24658292	FBgn0035600	890.14	2667.4	2667.38	0.02	1	70	4.80E-06	1	R.KGGEDYIFSLLTGYHDAPAGVVLRE	0.84	R&H (2D-GIST)
gij24658292	FBgn0035600	700.35	1398.69	1398.69	0	0	78	8.50E-07	1	K.GLFDALDHQSVR.R	0.70	F&H (2D-GIST)
gij24658292	FBgn0035600	701.86	1401.71	1401.71	0	0	85	1.80E-07	1	K.GLFDALDHQSVR.R	0.88	R&H (2D-GIST)
gij21357009	FBgn0035753	757.92	1513.83	1513.81	0.02	0	65	2.00E-05	1	K.LTVCALHVTQTAR.E	1.04	F&H (2D-GIST)
gij21357009	FBgn0035753	618.37	1234.72	1234.71	0	0	29	0.023	1	K.INRPPLSLQR.I	0.78	F&H (2D-GIST)

gij21355775	FBgn0035905	732.43	1462.85	1462.84	0.01	0	33	0.017	1	R.SLGRPNYNLLVK.D	1.00	R&H (2D-GIST)
gij21355775	FBgn0035905	468.76	935.51	935.51	0	0	55	0.00013	1	R.AVLGAFFK.A	1.09	R&L (2D-GIST)
gij45550577	FBgn0035917	619.87	1237.72	1237.72	0.01	0	36	0.0066	1	K.LHEFAVVLLR.D	0.84	R&L (2D-GIST)
gij45550577	FBgn0035917	799.37	1596.73	1596.73	0.01	0	33	0.012	1	R.AHPGHDYHDSIMK.Q	0.70	F&H (2D-GIST)
gij28317263	FBgn0035943	957.97	1913.93	1913.95	-0.01	0	67	1.10E-05	1	K.HESSIIGADNLFVSVR.E	1.18	F&H (2D-GIST)
gij24661247	FBgn0035943	707.35	1412.69	1412.69	0	0	61	3.40E-05	1	R.MLMAWVNGPHGR.H	1.23	F&H (2D-GIST)
gij24661247	FBgn0035943	626.31	1250.61	1250.61	0	0	42	0.0033	1	K.EVVPHELACR.I	1.12	F&H (2D-GIST)
gij24661247	FBgn0035943	705.85	1409.68	1409.67	0.01	0	59	4.90E-05	1	R.MLMAWVNGPHGR.H	1.61	R&L (2D-GIST)
gij24661247	FBgn0035943	563.94	1688.81	1688.81	0	0	52	0.00024	1	R.NHFSTVHGAVEAGYR.E	0.99	F&H (2D-GIST)
gij24661247	FBgn0035943	1284.62	2567.22	2567.24	-0.01	0	78	6.70E-07	1	K.SMPSGPHPVVGSFGTHLTQTFWR.K	0.69	F&H (2D-GIST)
gij24661247	FBgn0035943	843.9	1685.79	1685.79	0	0	78	6.50E-07	1	R.NHFSTVHGAVEAGYR.E	1.12	F&H (2D-GIST)
gij24661247	FBgn0035943	857.76	2570.26	2570.26	0	0	62	3.60E-05	1	K.SMPSGPHPVVGSFGTHLTQTFWR.K	0.72	R&H (2D-GIST)
gij24661247	FBgn0035943	562.94	1685.79	1685.79	0	0	43	0.002	1	R.NHFSTVHGAVEAGYR.E	1.36	R&L (2D-GIST)
gij24661247	FBgn0035943	843.91	1685.8	1685.79	0.01	0	80	4.10E-07	1	R.NHFSTVHGAVEAGYR.E	1.63	R&L (2D-GIST)
gij24661405	FBgn0035966	899.95	1797.88	1797.88	0	0	98	8.30E-09	1	R.NDYVLSLAANAHQNR.Y	0.81	F&H (2D-GIST)
gij24661405	FBgn0035966	792.36	1582.71	1582.7	0	0	41	0.0016	1	K.NQHECDLLEDIR.Q	0.82	F&H (2D-GIST)
gij24661405	FBgn0035966	793.87	1585.73	1585.72	0.01	0	28	0.034	1	K.NQHECDLLEDIR.Q	1.13	R&H (2D-GIST)
gij24661405	FBgn0035966	899.95	1797.88	1797.88	0.01	0	102	3.70E-09	1	R.NDYVLSLAANAHQNR.Y	1.19	R&L (2D-GIST)
gij24661405	FBgn0035966	855.36	1708.71	1708.7	0.01	0	38	0.00059	1	K.SYFDEEHCAHDVR.D	1.06	F&H (2D-GIST)
gij17862180	FBgn0035978	753.94	1505.86	1505.86	0.01	0	38	0.0042	1	M.PSGIRPIDVLLER.A	0.50	F&H (2D-GIST)
gij17862180	FBgn0035978	755.45	1508.89	1508.88	0.02	0	34	0.0096	1	M.PSGIRPIDVLLER.A	0.39	R&H (2D-GIST)
gij17862180	FBgn0035978	839.92	1677.82	1677.81	0	0	40	0.0042	1	R.VQIHTFNQSCFPR.I	0.55	F&H (2D-GIST)
gij17862180	FBgn0035978	755.45	1508.88	1508.88	0.01	0	47	0.00051	1	M.PSGIRPIDVLLER.A	0.52	R&H (2D-GIST)
gij21355239	FBgn0036030	924.02	1846.03	1846.02	0.01	0	79	5.90E-07	1	K.VYAILTHGIFSGPAISR.I	1.10	F&H (2D-GIST)
gij21355239	FBgn0036030	728.87	1455.72	1455.71	0.01	0	101	4.10E-09	1	K.VFSGTSHPDLAQR.I	0.98	F&H (2D-GIST)
gij21355239	FBgn0036030	1151.57	2301.12	2301.12	0	0	117	7.90E-11	1	K.IAILVDDMADTCGTIVHAADR.L	0.81	R&H (2D-GIST)
gij21355239	FBgn0036030	924.02	1846.03	1846.02	0.01	0	63	2.30E-05	1	K.VYAILTHGIFSGPAISR.I	1.35	R&H (2D-GIST)
gij21355239	FBgn0036030	767.04	2298.11	2298.1	0.01	0	68	6.80E-06	1	K.IAILVDDMADTCGTIVHAADR.L	0.83	R&L (2D-GIST)
gij21355239	FBgn0036030	728.86	1455.71	1455.71	0	0	92	3.30E-08	1	K.VFSGTSHPDLAQR.I	0.95	F&H (2D-GIST)
gij21355239	FBgn0036030	616.35	1846.03	1846.02	0.01	0	29	0.064	1	K.VYAILTHGIFSGPAISR.I	1.30	R&H (2D-GIST)
gij21355239	FBgn0036030	922.51	1843.01	1843	0.01	0	84	1.40E-07	1	K.VYAILTHGIFSGPAISR.I	1.06	R&L (2D-GIST)
gij21357213	FBgn0036619	942.51	1883	1882.98	0.01	1	51	0.00042	1	K.GKAPLPVTDTEEVQQR.L	0.66	R&H (2D-GIST)
gij21357213	FBgn0036619	496.79	991.56	991.56	0	0	56	0.00012	1	R.LNHLNALR.E	0.79	F&H (2D-GIST)
gij21357213	FBgn0036619	688.86	1375.71	1375.71	0	1	36	0.015	1	K.ALATSLREEADR.R	0.28	R&H (2D-GIST)
gij21357213	FBgn0036619	496.79	991.56	991.56	0	0	40	0.0041	1	R.LNHLNALR.E	1.20	F&H (2D-GIST)
gij21357213	FBgn0036619	496.79	991.56	991.56	0	0	50	0.00044	1	R.LNHLNALR.E	1.13	R&L (2D-GIST)
gij24665395	FBgn0036642	770.92	1539.83	1539.83	0	0	51	0.00045	1	R.AVVAVAGQGAAASNHK.E	0.76	F&H (2D-GIST)
gij24665395	FBgn0036642	822.9	1643.78	1643.79	-0.01	0	62	3.10E-05	1	R.NESYDIQGASHLLR.L	1.36	F&H (2D-GIST)
gij24665395	FBgn0036642	822.9	1643.79	1643.79	0	0	86	1.30E-07	1	R.NESYDIQGASHLLR.L	0.76	F&H (2D-GIST)

gij24665395	FBgn0036642	824.42	1646.82	1646.81	0.01	0	79	5.70E-07	1	R.NESYDIQGASHLLR.L	0.92	R&H (2D-GIST)
gij28574881	FBgn0036663	972.97	1943.93	1943.94	-0.01	0	53	0.00016	1	K.WNDLVFHGEWQEALR.Q	1.05	F&H (2D-GIST)
gij28574881	FBgn0036663	604.32	1206.62	1206.62	0	0	31	0.058	1	R.AGHFVTVFER.N	1.08	F&H (2D-GIST)
gij28574881	FBgn0036663	689.88	1377.74	1377.74	0	0	29	0.071	1	R.VLAHNGEINTLR.G	0.81	F&H (2D-GIST)
gij28574881	FBgn0036663	604.32	1206.63	1206.62	0	0	34	0.028	1	R.AGHFVTVFER.N	1.01	R&H (2D-GIST)
gij28574881	FBgn0036663	971.46	1940.91	1940.92	0	0	56	9.30E-05	1	K.WNDLVFHGEWQEALR.Q	0.70	R&L (2D-GIST)
gij28574881	FBgn0036663	803.14	2406.39	2406.39	0	0	64	4.80E-06	1	K.VAVSALLALGALHHHLIETLQR.M	0.78	R&H (2D-GIST)
gij15291275	FBgn0036680	772.93	1543.85	1543.85	0	0	48	0.00089	1	R.AHVQNIDIPLGGR.I	0.77	F&H (2D-GIST)
gij15291275	FBgn0036680	774.44	1546.87	1546.87	0.01	0	53	0.00026	1	R.AHVQNIDIPLGGR.I	0.91	R&H (2D-GIST)
gij15291275	FBgn0036680	813.91	1625.8	1625.8	0	0	44	0.0021	1	R.IGPGTHNNPSVADFR.L	0.78	F&H (2D-GIST)
gij15291275	FBgn0036680	812.4	1622.79	1622.78	0.01	0	43	0.0042	1	R.IGPGTHNNPSVADFR.L	1.12	R&L (2D-GIST)
gij15292459	FBgn0036821	981.49	1960.96	1960.95	0.01	0	67	1.10E-05	1	R.AGDVMVSFLPLAHMFER.C	0.70	R&L (2D-GIST)
gij15292459	FBgn0036821	965.8	2894.36	2894.35	0.02	0	59	4.00E-05	1	K.TAEAIDSEGWHHTGDVGMWLPNGTLR.I	0.92	R&H (2D-GIST)
gij24666674	FBgn0036857	929.81	2786.42	2786.4	0.02	0	32	0.028	1	K.IGHQLEAQTLVGVPVHTQONVENYK.A	0.92	F&H (2D-GIST)
gij24666674	FBgn0036857	817.75	2450.23	2450.22	0.01	0	51	0.00043	1	R.DGFYVEPTVITGLPHDASVVHRE	1.14	F&H (2D-GIST)
gij24666674	FBgn0036857	817.75	2450.23	2450.22	0.01	0	43	0.0028	1	R.DGFYVEPTVITGLPHDASVVHRE	0.78	R&L (2D-GIST)
gij24666925	FBgn0036901	892.91	1783.81	1783.8	0.01	0	79	2.90E-07	1	R.SHPVWEMVMNELDR.R	0.85	F&H (2D-GIST)
gij24666925	FBgn0036901	780.92	1559.83	1559.82	0	0	47	0.0014	1	R.APLGLHFHASWLK.S	1.06	F&H (2D-GIST)
gij24666925	FBgn0036901	894.42	1786.83	1786.82	0.01	0	70	2.60E-06	1	R.SHPVWEMVMNELDR.R	0.96	R&H (2D-GIST)
gij24666925	FBgn0036901	780.92	1559.83	1559.82	0.01	0	47	0.0013	1	R.APLGLHFHASWLK.S	0.72	R&L (2D-GIST)
gij21428612	FBgn0036901	595.61	1783.81	1783.8	0.01	0	48	0.00039	1	R.SHPVWEMVMNELDR.R	0.79	R&L (2D-GIST)
gij21064733	FBgn0036927	1170.57	2339.12	2339.1	0.01	0	66	1.00E-05	1	K.LQLGGYFHNDDFIPNEPYR.I	1.44	F&H (2D-GIST)
gij21064733	FBgn0036927	629.84	1257.66	1257.65	0	0	49	0.00093	1	K.EFPFILNSTR.G	1.39	F&H (2D-GIST)
gij21064733	FBgn0036927	636.32	1270.63	1270.63	0	0	41	0.0042	1	K.EYHANIVLDR.F	0.78	F&H (2D-GIST)
gij21064733	FBgn0036927	636.32	1270.64	1270.63	0	0	36	0.016	1	K.EYHANIVLDR.F	0.81	R&L (2D-GIST)
gij24667554	FBgn0037001	975.01	1948.01	1948	0.01	0	71	5.40E-06	1	K.LNSFICPGTPIGGLHPAR.I	1.13	F&H (2D-GIST)
gij24667554	FBgn0037001	625.36	1248.7	1248.69	0	0	44	0.0015	1	K.HSNVVINLVGR.D	0.70	F&H (2D-GIST)
gij24667554	FBgn0037001	817.91	1633.8	1633.79	0.01	0	69	6.80E-06	1	R.YQLSELVDWFHR.L	0.77	F&H (2D-GIST)
gij24667554	FBgn0037001	819.42	1636.82	1636.81	0.01	0	86	1.40E-07	1	R.YQLSELVDWFHR.L	0.82	R&H (2D-GIST)
gij24667554	FBgn0037001	975.01	1948.01	1948	0.01	0	68	9.40E-06	1	K.LNSFICPGTPIGGLHPAR.I	0.66	R&L (2D-GIST)
gij24667554	FBgn0037001	650.34	1948.01	1948	0.01	0	29	0.085	1	K.LNSFICPGTPIGGLHPAR.I	1.02	R&L (2D-GIST)
gij24667554	FBgn0037001	597.64	1789.89	1789.89	0	1	48	0.0011	1	K.RYQLSELVDWFHR.L	1.00	F&H (2D-GIST)
gij28416365	FBgn0037001	598.65	1792.92	1792.91	0.01	1	57	0.00015	1	K.RYQLSELVDWFHR.L	0.84	R&H (2D-GIST)
gij24667974	FBgn0037066	806.42	1610.83	1610.83	0.01	0	41	0.0059	1	R.SLEESPSADLLRPR.K	0.61	F&H (2D-GIST)
gij24667974	FBgn0037066	911.45	1820.88	1820.87	0.01	0	30	0.051	1	K.HFEVHQSPSASTVSPK.Q	1.17	F&H (2D-GIST)
gij24667974	FBgn0037066	914.47	1826.92	1826.91	0.01	0	62	3.90E-05	1	K.HFEVHQSPSASTVSPK.Q	1.16	R&H (2D-GIST)
gij21357643	FBgn0037146	927	1851.99	1851.97	0.02	0	81	4.40E-07	1	K.EALATVGAEHAVSLVSTR.E	1.05	F&H (2D-GIST)
gij21357643	FBgn0037146	926.97	1851.92	1851.91	0.01	0	75	1.70E-06	1	R.LASIVEQVAECHLEGR.E	0.79	F&H (2D-GIST)
gij21357643	FBgn0037146	618.32	1851.92	1851.91	0.01	0	51	0.00047	1	R.LASIVEQVAECHLEGR.E	0.89	F&H (2D-GIST)

gij21357643	FBgn0037146	928.5	1854.99	1854.99	0.01	0	93	3.20E-08	1	K.EALATVGAEHAVSLVSTR.E	0.98	R&H (2D-GIST)
gij21357643	FBgn0037146	928.48	1854.95	1854.93	0.01	0	74	2.10E-06	1	R.LASIVEQVAECHLEGR.E	1.00	R&H (2D-GIST)
gij21357643	FBgn0037146	619.32	1854.94	1854.93	0.01	0	68	9.50E-06	1	R.LASIVEQVAECHLEGR.E	1.45	R&H (2D-GIST)
gij21357643	FBgn0037146	967.83	2900.48	2900.48	0	0	44	0.0023	1	R.SIQQSLHIPVLGHAEGVCHVYIDR.D	0.99	F&H (2D-GIST)
gij28573261	FBgn0037230	685.88	1369.74	1369.74	0	0	83	4.60E-07	1	R.LDAAYSILLGR.R	0.74	F&H (2D-GIST)
gij28573261	FBgn0037230	740.41	1478.81	1478.81	0	0	71	3.90E-06	1	R.AHVTALEVLSLER.S	0.89	F&H (2D-GIST)
gij21355167	FBgn0037245	568.36	1134.71	1134.7	0.01	0	51	3.70E-05	1	K.ILPVLQQLK.E	0.98	F&H (2D-GIST)
gij21355167	FBgn0037245	571.38	1140.74	1140.74	0.01	0	54	2.80E-05	1	K.ILPVLQQLK.E	1.07	R&H (2D-GIST)
gij21355167	FBgn0037245	546.76	1091.5	1091.5	0	0	43	0.0014	1	K.CFLHFGNR.K	0.51	F&H (2D-GIST)
gij21355167	FBgn0037245	546.76	1091.5	1091.5	0	0	40	0.0031	1	K.CFLHFGNR.K	0.92	R&L (2D-GIST)
gij17946379	FBgn0037249	843.45	2527.34	2527.33	0.02	0	71	3.40E-06	1	R.MAAHVLLATLSIPLSAHPEFDR.F	1.04	F&H (2D-GIST)
gij17946379	FBgn0037249	844.46	2530.35	2530.34	0.01	0	51	0.00039	1	R.MAAHVLLATLSIPLSAHPEFDR.F	0.72	R&H (2D-GIST)
gij17946379	FBgn0037249	580.95	1739.82	1739.8	0.01	0	61	2.90E-05	1	R.VNTHCEALYHDIAR.M	1.10	R&L (2D-GIST)
gij38047751	FBgn0037351	900.97	1799.92	1799.91	0.01	0	90	6.20E-08	1	R.LSHEVGWHYQDVIK.S	0.79	F&H (2D-GIST)
gij21357053	FBgn0037351	541.83	1081.64	1081.64	0	1	47	0.00053	1	R.RVVVPIAMR.V	0.87	F&H (2D-GIST)
gij21357053	FBgn0037351	897.95	1793.88	1793.87	0.01	0	91	5.10E-08	1	R.LSHEVGWHYQDVIK.S	1.19	R&L (2D-GIST)
gij21357053	FBgn0037351	401.7	801.39	801.39	0	0	36	0.017	1	R.GPFHFR.A	1.01	F&H (2D-GIST)
gij21483482	FBgn0037370	921.94	1841.86	1841.86	0	0	59	3.50E-05	1	K.SCQVSTWHETNPVPR.S	1.01	F&H (2D-GIST)
gij21483482	FBgn0037370	603.79	1205.56	1205.56	0	0	37	0.0042	1	R.HVDFDEMLR.E	1.21	F&H (2D-GIST)
gij24644950	FBgn0037537	945.03	1888.04	1888.03	0	0	59	8.10E-05	1	K.VPPVSNRPHEVEPTIK.K	0.97	F&H (2D-GIST)
gij24644950	FBgn0037537	770.36	1538.7	1538.7	0.01	0	47	0.00052	1	R.ICDFAFFHGVER.H	1.40	R&L (2D-GIST)
gij15291561	FBgn0037580	1020.48	2038.94	2038.95	-0.01	0	49	0.00036	1	K.TYEPTHEGYIQSWVER.Y	0.78	F&H (2D-GIST)
gij24645049	FBgn0037580	981.51	1961.01	1961	0.01	0	87	1.30E-07	1	K.AFEVQVGLHELLGHGSGK.L	0.78	F&H (2D-GIST)
gij24645049	FBgn0037580	654.68	1961.01	1961	0.01	0	44	0.0024	1	K.AFEVQVGLHELLGHGSGK.L	0.79	F&H (2D-GIST)
gij45551847	FBgn0037607	774.89	1547.76	1547.76	0	1	79	7.20E-07	1	R.KIDSLEGHPTPR.L	0.73	F&H (2D-GIST)
gij45551847	FBgn0037607	689.83	1377.65	1377.65	0	0	57	9.40E-05	1	K.IDSDLEGHPTPR.L	1.00	F&H (2D-GIST)
gij45551847	FBgn0037607	1207.58	2413.15	2413.14	0.01	0	47	0.00081	1	R.TSRPNTCVIYDNEEPFTIGR.G	0.64	R&H (2D-GIST)
gij45551847	FBgn0037607	1321.2	2640.38	2640.36	0.02	0	82	3.00E-07	1	R.VVVVEDHYQQGGLGEAVLSALAGER.N	0.84	R&H (2D-GIST)
gij45551847	FBgn0037607	777.91	1553.8	1553.8	0	1	36	0.014	1	R.KIDSLEGHPTPR.L	1.00	R&H (2D-GIST)
gij16768650	FBgn0037607	880.13	2637.38	2637.34	0.04	0	65	1.40E-05	1	R.VVVVEDHYQQGGLGEAVLSALAGER.N	0.86	R&L (2D-GIST)
gij16768650	FBgn0037607	562.32	1122.62	1122.62	0	0	36	0.01	1	K.HLYVPTVPR.S	0.73	F&H (2D-GIST)
gij16768650	FBgn0037607	562.32	1122.62	1122.62	0	0	30	0.034	1	K.HLYVPTVPR.S	0.99	R&L (2D-GIST)
gij24645179	FBgn0037632	803.42	1604.83	1604.83	0	0	67	1.20E-05	1	K.QVKPFVEEGVHPR.V	0.75	F&H (2D-GIST)
gij24645179	FBgn0037632	598.83	1195.64	1195.64	0	0	50	0.00052	1	R.SLHDAIMIVR.R	0.84	F&H (2D-GIST)
gij24645179	FBgn0037632	803.43	1604.84	1604.83	0	0	72	4.40E-06	1	K.QVKPFVEEGVHPR.V	0.84	R&L (2D-GIST)
gij24645179	FBgn0037632	598.83	1195.64	1195.64	0	0	53	0.00026	1	R.SLHDAIMIVR.R	0.99	R&L (2D-GIST)
gij24646169	FBgn0037977	1095.08	2188.14	2188.14	0.01	0	99	8.60E-09	1	R.LVVVEYQQTAPASQELHFR.D	0.95	F&H (2D-GIST)
gij24646169	FBgn0037977	643.82	1285.63	1285.62	0	0	52	0.0003	1	R.FIAGSFHYFR.A	1.16	R&L (2D-GIST)
gij21357171	FBgn0038049	782.95	1563.89	1563.88	0.01	0	34	0.0092	1	K.NITLIGINRPQQR.N	0.87	F&H (2D-GIST)

gij21357171	FBgn0038049	782.96	1563.9	1563.88	0.01	0	30	0.022	1	K.NITLIGINRPQQR.N	1.28	R&L (2D-GIST)
gij21357171	FBgn0038049	862.81	2585.4	2585.39	0.01	0	55	9.30E-05	1	R.ALDLILTGRPVGQSQAHDIGLVNR.I	1.43	F&H (2D-GIST)
gij21357171	FBgn0038049	862.81	2585.41	2585.39	0.01	0	66	7.20E-06	1	R.ALDLILTGRPVGQSQAHDIGLVNR.I	0.70	R&L (2D-GIST)
gij21357171	FBgn0038049	863.82	2588.43	2588.41	0.02	0	63	1.50E-05	1	R.ALDLILTGRPVGQSQAHDIGLVNR.I	1.09	R&H (2D-GIST)
gij24646562	FBgn0038145	853.95	1705.88	1705.87	0.01	0	36	0.018	1	K.MPLQLVEALCGFQR.I	0.73	F&H (2D-GIST)
gij24646562	FBgn0038145	1117.55	2233.08	2233.09	-0.01	0	85	1.40E-07	1	K.DVVHQMSVQLEELYNGATR.K	0.73	R&H (2D-GIST)
gij24646562	FBgn0038145	1026.53	2051.04	2051.05	-0.01	0	75	1.70E-06	1	R.VQIAPGIMQHIEQVCR.K	0.83	R&H (2D-GIST)
gij24646562	FBgn0038145	744.37	2230.08	2230.07	0.01	0	41	0.0047	1	K.DVVHQMSVQLEELYNGATR.K	0.78	R&L (2D-GIST)
gij24646943	FBgn0038271	740.35	1478.69	1478.67	0.01	0	52	0.00023	1	R.LCTMVTEAEVER.A	0.41	F&H (2D-GIST)
gij24646943	FBgn0038271	741.86	1481.7	1481.69	0	0	49	0.00035	1	R.LCTMVTEAEVER.A	0.87	R&H (2D-GIST)
gij24646943	FBgn0038271	779.4	1556.78	1556.76	0.01	0	57	9.50E-05	1	K.ADLTDYIQTHYK.A	0.96	R&H (2D-GIST)
gij24646943	FBgn0038271	749.42	1496.82	1496.81	0.01	0	53	0.00033	1	K.AVEILADIIQNSK.L	0.82	R&L (2D-GIST)
gij24646943	FBgn0038271	566.94	1697.8	1697.8	0.01	0	36	0.0092	1	K.NNGVAHFLEHMAFK.G	0.63	F&H (2D-GIST)
gij24646943	FBgn0038271	588.82	1175.63	1175.63	0	0	37	0.012	1	R.IPLHELEQR.I	0.70	F&H (2D-GIST)
gij24646943	FBgn0038271	849.91	1697.81	1697.8	0.01	0	89	5.60E-08	1	K.NNGVAHFLEHMAFK.G	0.73	F&H (2D-GIST)
gij24646943	FBgn0038271	590.33	1178.65	1178.65	0	0	35	0.018	1	R.IPLHELEQR.I	0.83	R&H (2D-GIST)
gij24646943	FBgn0038271	852.93	1703.85	1703.84	0.01	0	72	3.10E-06	1	K.NNGVAHFLEHMAFK.G	0.94	R&H (2D-GIST)
gij24646943	FBgn0038271	566.94	1697.81	1697.8	0.01	0	36	0.0091	1	K.NNGVAHFLEHMAFK.G	0.83	R&L (2D-GIST)
gij24646943	FBgn0038271	444.92	1331.73	1331.73	0	1	37	0.01	1	R.RIPLHELEQR.I	0.75	F&H (2D-GIST)
gij24646943	FBgn0038271	444.92	1331.73	1331.73	0	1	38	0.0093	1	R.RIPLHELEQR.I	1.05	R&L (2D-GIST)
gij24646982	FBgn0038293	898.46	1794.91	1794.91	0	0	65	2.70E-05	1	K.FSAIHEFQNLHAVAK.E	0.94	F&H (2D-GIST)
gij24646982	FBgn0038293	983.51	1965	1965.01	-0.01	1	64	2.40E-05	1	K.KFSAIHEFQNLHAVAK.E	0.94	F&H (2D-GIST)
gij24646982	FBgn0038293	978.49	2932.43	2932.42	0.02	0	40	0.0039	1	K.MVHFPEFLTSTNPLFGIDYEEFVR.G	0.57	R&H (2D-GIST)
gij24646982	FBgn0038293	901.48	1800.95	1800.94	0.01	0	75	1.90E-06	1	K.FSAIHEFQNLHAVAK.E	0.79	R&H (2D-GIST)
gij46019969	FBgn0038294	877	1751.99	1751.99	0.01	0	32	0.027	1	R.DLLSPSNLPISSIVR.D	0.77	R&H (2D-GIST)
gij46019969	FBgn0038294	775.9	1549.78	1549.77	0.01	0	31	0.048	1	R.ASSLEPLDELFER.K	0.92	R&H (2D-GIST)
gij46019969	FBgn0038294	897.43	1792.85	1792.85	0	0	29	0.036	1	R.ASRPYSSYLDSPSYR.S	0.78	F&H (2D-GIST)
gij46019969	FBgn0038294	817.42	2449.23	2449.22	0.01	0	61	4.30E-05	1	R.WGPRPTEVAYDAEGLPIFHPR.N	1.02	F&H (2D-GIST)
gij46019969	FBgn0038294	817.41	2449.22	2449.22	0	0	50	0.00051	1	R.WGPRPTEVAYDAEGLPIFHPR.N	0.67	R&L (2D-GIST)
gij24647369	FBgn0038405	1215.15	2428.28	2428.27	0.01	0	54	0.00019	1	R.FGLERPTPTAAAPPPQPPQR.V	0.65	R&H (2D-GIST)
gij24647369	FBgn0038405	815.96	1629.91	1629.9	0.01	0	62	3.60E-05	1	R.LSIPGAVASPGQVPHR.Q	1.04	R&H (2D-GIST)
gij24647369	FBgn0038405	543.3	1626.89	1626.88	0	0	44	0.0022	1	R.LSIPGAVASPGQVPHR.Q	1.61	R&L (2D-GIST)
gij45553397	FBgn0038535	605.84	1209.66	1209.65	0	0	40	0.0059	1	R.VHAAELQELR.Q	2.41	F&H (2D-GIST)
gij45553397	FBgn0038535	804.4	1606.78	1606.77	0.01	0	48	0.00086	1	K.EQHLQQLQEQR.E	1.08	F&H (2D-GIST)
gij24647881	FBgn0038587	788.9	1575.79	1575.78	0.01	0	94	2.40E-08	1	K.TAGFIGADQLGDSLK.G	0.57	F&H (2D-GIST)
gij24647881	FBgn0038587	680.43	1358.85	1358.84	0.01	1	50	0.00015	1	K.KLLEAAIPELK.K	0.91	R&H (2D-GIST)
gij24647881	FBgn0038587	593.87	1185.72	1185.71	0	0	35	0.011	1	K.LLEAAIPELK.K	1.02	R&H (2D-GIST)
gij24647881	FBgn0038587	788.9	1575.78	1575.78	0.01	0	75	2.00E-06	1	K.TAGFIGADQLGDSLK.G	1.05	R&L (2D-GIST)
gij24648347	FBgn0038771	752.4	1502.78	1502.78	0	0	76	2.00E-06	1	R.HNLIVVNPDTSPR.G	0.83	F&H (2D-GIST)

gij24648347	FBgn0038771	753.91	1505.8	1505.8	0	0	62	4.20E-05	1	R.HNLIVVNPDTSPR.G	0.93	R&H (2D-GIST)
gij24648347	FBgn0038771	958.5	1914.98	1914.97	0.01	0	48	0.00095	1	R.GIFGHSMGGHGALICALK.N	1.08	R&H (2D-GIST)
gij21355997	FBgn0038839	541.29	1080.57	1080.57	0	0	36	0.013	1	K.ALHLPEGFR.E	0.88	F&H (2D-GIST)
gij21355997	FBgn0038839	541.29	1080.57	1080.57	0	0	33	0.018	1	K.ALHLPEGFR.E	0.99	R&L (2D-GIST)
gij21355997	FBgn0038839	740.67	2218.99	2218.97	0.02	0	42	0.0009	1	K.HCYIEQAFDNLHDHGYSR.M	1.12	F&H (2D-GIST)
gij21355997	FBgn0038839	1108.97	2215.93	2215.95	-0.02	0	89	7.20E-09	1	K.HCYIEQAFDNLHDHGYSR.M	0.73	R&L (2D-GIST)
gij21355997	FBgn0038839	739.66	2215.95	2215.95	0	0	43	0.00056	1	K.HCYIEQAFDNLHDHGYSR.M	1.08	R&L (2D-GIST)
gij24648872	FBgn0038922	612.34	1222.67	1222.67	0	0	50	0.0004	1	R.HTNIDTVIIR.E	0.76	F&H (2D-GIST)
gij24648872	FBgn0038922	786.92	1571.82	1571.81	0.01	0	44	0.0023	1	R.NDLDLYANVVHVR.S	1.05	R&H (2D-GIST)
gij24648872	FBgn0038922	613.67	1837.98	1837.98	0	1	56	0.00013	1	K.LRNDLDLYANVVHVR.S	0.69	F&H (2D-GIST)
gij24648944	FBgn0038946	656.35	1310.68	1310.68	0	0	48	0.00075	1	K.HAITALCQTVR.Q	0.73	F&H (2D-GIST)
gij24648944	FBgn0038946	570.84	1139.67	1139.67	0	1	60	5.10E-05	1	R.RVELIEALR.D	0.87	F&H (2D-GIST)
gij24648944	FBgn0038946	570.84	1139.67	1139.67	0	1	60	4.90E-05	1	R.RVELIEALR.D	0.87	R&L (2D-GIST)
gij24648944	FBgn0038946	732.4	1462.79	1462.79	0	0	46	0.0018	1	R.GHIVVMNSVLGHR.I	0.90	R&H (2D-GIST)
gij24648944	FBgn0038946	487.6	1459.77	1459.77	0	0	57	0.00017	1	R.GHIVVMNSVLGHR.I	0.99	R&L (2D-GIST)
gij24649832	FBgn0039241	679.31	2034.9	2034.9	0.01	0	49	0.0002	1	K.AFTHTATYDDAISDYFR.K	0.91	F&H (2D-GIST)
gij24649832	FBgn0039241	1018.46	2034.91	2034.9	0.01	0	106	4.10E-10	1	K.AFTHTATYDDAISDYFR.K	1.07	F&H (2D-GIST)
gij24649832	FBgn0039241	1019.97	2037.93	2037.91	0.01	0	103	7.90E-10	1	K.AFTHTATYDDAISDYFR.K	0.83	R&H (2D-GIST)
gij24649832	FBgn0039241	707.4	1412.79	1412.79	0	0	44	0.0023	1	K.TLHPAVHAGILSR.T	0.70	F&H (2D-GIST)
gij24649832	FBgn0039241	471.94	1412.79	1412.79	0	0	52	0.00038	1	K.TLHPAVHAGILSR.T	0.84	F&H (2D-GIST)
gij24649832	FBgn0039241	707.4	1412.79	1412.79	0.01	0	43	0.0034	1	K.TLHPAVHAGILSR.T	0.89	R&L (2D-GIST)
gij24649832	FBgn0039241	471.94	1412.79	1412.79	0.01	0	42	0.0039	1	K.TLHPAVHAGILSR.T	1.09	R&L (2D-GIST)
gij24649911	FBgn0039269	545.61	1633.8	1633.8	0	0	32	0.036	1	K.ATVAAFAASEGHAPR.V	1.31	F&H (2D-GIST)
gij24649911	FBgn0039269	545.61	1633.8	1633.8	0	0	28	0.096	1	K.ATVAAFAASEGHAPR.V	0.70	R&L (2D-GIST)
gij24649911	FBgn0039269	773.04	2316.08	2316.07	0.02	0	47	0.00072	1	R.EVYEHVYETVDIQGSHDVR.A	0.88	R&L (2D-GIST)
gij24650122	FBgn0039358	1164.61	2327.21	2327.19	0.02	0	92	3.20E-08	1	K.EHANVIQEAVYQITVNDAIR.T	0.69	R&H (2D-GIST)
gij24650122	FBgn0039358	1050.55	2099.08	2099.07	0.01	0	75	1.90E-06	1	R.HAVTMLPGGGIGPELMGYVR.E	0.86	R&H (2D-GIST)
gij24650122	FBgn0039358	1218.64	2435.27	2435.26	0.02	0	85	1.70E-07	1	K.NIANPVAMISASIDMLNHLGHK.E	0.97	R&H (2D-GIST)
gij24650122	FBgn0039358	775.74	2324.19	2324.18	0.02	0	32	0.038	1	K.EHANVIQEAVYQITVNDAIR.T	0.70	R&L (2D-GIST)
gij24650122	FBgn0039358	699.69	2096.06	2096.05	0.01	0	61	4.80E-05	1	R.HAVTMLPGGGIGPELMGYVR.E	0.93	R&L (2D-GIST)
gij24650122	FBgn0039358	841.38	1680.75	1680.75	0	0	68	3.00E-06	1	R.NYGDHYAIFEPGTR.N	0.71	F&H (2D-GIST)
gij24650122	FBgn0039358	830.41	1658.8	1658.8	0	1	46	0.0012	1	K.RVNWPHGNYFSQL-	0.79	F&H (2D-GIST)
gij24650122	FBgn0039358	842.9	1683.78	1683.77	0.01	0	53	0.00011	1	R.NYGDHYAIFEPGTR.N	0.93	R&H (2D-GIST)
gij24650122	FBgn0039358	830.41	1658.81	1658.8	0.01	1	57	0.00011	1	K.RVNWPHGNYFSQL-	0.96	R&L (2D-GIST)
gij24650122	FBgn0039358	420.24	1257.68	1257.68	0	0	49	0.0011	1	R.HHDIDVVLIR.Q	0.55	F&H (2D-GIST)
gij24650122	FBgn0039358	420.24	1257.68	1257.68	0	0	44	0.0038	1	R.HHDIDVVLIR.Q	1.20	R&L (2D-GIST)
gij24650124	FBgn0039359	695.85	1389.69	1389.69	0	0	42	0.0031	1	K.SLNYNHLMPTR.Y	0.97	F&H (2D-GIST)
gij24650124	FBgn0039359	695.85	1389.69	1389.69	0	0	44	0.002	1	K.SLNYNHLMPTR.Y	1.14	R&H (2D-GIST)
gij24650124	FBgn0039359	773.05	2316.12	2316.11	0.01	0	50	0.00044	1	K.THDDGTPEKPFGHALVAGIDR.Y	0.78	F&H (2D-GIST)

gij24650124	FBgn0039359	775.06	2322.16	2322.15	0.01	0	45	0.0014	1	K.THDDGTPEKPFPGHALVAGIDR.Y	1.08	R&H (2D-GIST)
gij24650124	FBgn0039359	775.06	2322.16	2322.15	0.01	0	43	0.0023	1	K.THDDGTPEKPFPGHALVAGIDR.Y	1.04	R&H (2D-GIST)
gij24650124	FBgn0039359	911.79	2732.34	2732.33	0.01	1	39	0.0072	1	K.THDDGTPEKPFPGHALVAGIDRYPR.K	0.66	R&L (2D-GIST)
gij17738257	FBgn0039555	762.42	1522.82	1522.82	0	0	37	0.014	1	K.LHATPAESALAE.LR.S	0.77	F&H (2D-GIST)
gij17738257	FBgn0039555	741.04	2220.1	2220.1	0.01	0	32	0.037	1	R.LLVQYEPHEPEFHNISAR.V	1.00	F&H (2D-GIST)
gij17738257	FBgn0039555	742.05	2223.12	2223.12	0	0	31	0.043	1	R.LLVQYEPHEPEFHNISAR.V	0.96	R&H (2D-GIST)
gij21357743	FBgn0039566	731.91	1461.8	1461.79	0	0	53	0.00029	1	K.ILDGVIANEALHR.G	0.85	F&H (2D-GIST)
gij21357743	FBgn0039566	704.88	1407.75	1407.75	0.01	0	46	0.0014	1	R.IVSGTLHAGQEV.R.V	1.37	R&L (2D-GIST)
gij21357743	FBgn0039566	972.81	2915.41	2915.39	0.02	0	77	7.70E-07	1	R.VEESGEHVILGTGELYLDCVMHDLR.K	1.00	F&H (2D-GIST)
gij21357743	FBgn0039566	972.8	2915.39	2915.39	0	0	55	9.90E-05	1	R.VEESGEHVILGTGELYLDCVMHDLR.K	0.90	R&H (2D-GIST)
gij24651102	FBgn0039685	612.81	1223.61	1223.6	0	0	43	0.0023	1	K.VHASEELVEK.Y	1.03	F&H (2D-GIST)
gij24651102	FBgn0039685	612.81	1223.61	1223.6	0	0	43	0.0026	1	K.VHASEELVEK.Y	1.12	R&L (2D-GIST)
gij24651102	FBgn0039685	894.91	1787.81	1787.81	0.01	0	77	3.30E-07	1	K.FGFYDTEHGFDVHK.I	0.02	R&H (2D-GIST)
gij24651102	FBgn0039685	1312.62	2623.23	2623.26	-0.03	1	33	0.016	1	K.AYHAGMCFMNSNLQLVQHSVKV.-	0.92	R&H (2D-GIST)
gij24651102	FBgn0039685	1263.11	2524.21	2524.19	0.02	0	52	0.00031	1	K.AYHAGMCFMNSNLQLVQHSVK.V	0.93	R&H (2D-GIST)
gij24651102	FBgn0039685	873.42	2617.24	2617.22	0.02	1	33	0.021	1	K.AYHAGMCFMNSNLQLVQHSVKV.-	1.10	R&L (2D-GIST)
gij24651102	FBgn0039685	840.4	2518.17	2518.16	0.01	0	38	0.0043	1	K.AYHAGMCFMNSNLQLVQHSVK.V	1.13	R&L (2D-GIST)
gij24651102	FBgn0039685	595.78	1189.54	1189.54	0	0	46	0.00067	1	K.THEDLTNYR.T	0.95	F&H (2D-GIST)
gij24651102	FBgn0039685	597.29	1192.56	1192.56	0	0	47	0.00051	1	K.THEDLTNYR.T	1.25	R&H (2D-GIST)
gij24651102	FBgn0039685	802.74	2405.2	2405.2	0	0	66	1.80E-05	1	K.IHIQLAGPGVEVHESDEVHVK.I	0.83	F&H (2D-GIST)
gij24651102	FBgn0039685	1203.61	2405.2	2405.2	0.01	0	84	3.10E-07	1	K.IHIQLAGPGVEVHESDEVHVK.I	1.09	F&H (2D-GIST)
gij24651102	FBgn0039685	1203.61	2405.2	2405.2	0.01	0	87	1.30E-07	1	K.IHIQLAGPGVEVHESDEVHVK.I	0.76	R&L (2D-GIST)
gij24651102	FBgn0039685	802.74	2405.18	2405.2	-0.01	0	69	7.50E-06	1	K.IHIQLAGPGVEVHESDEVHVK.I	1.07	R&L (2D-GIST)
gij24651183	FBgn0039713	761.36	1520.72	1520.71	0	0	53	0.0002	1	K.VEQALEDQFTSGR.I	0.63	F&H (2D-GIST)
gij24651183	FBgn0039713	859.95	1717.89	1717.86	0.02	0	82	4.70E-07	1	R.IADVYVYNASNNELVR.T	0.80	F&H (2D-GIST)
gij24651183	FBgn0039713	761.37	1520.72	1520.71	0.01	0	67	8.40E-06	1	K.VEQALEDQFTSGR.I	1.00	R&L (2D-GIST)
gij24651183	FBgn0039713	859.95	1717.88	1717.86	0.02	0	91	6.10E-08	1	R.IADVYVYNASNNELVR.T	1.04	R&L (2D-GIST)
gij38048359	FBgn0039713	837.43	1672.86	1672.84	0.02	0	54	0.00028	1	R.QWYEAHYVPLGR.K	0.38	F&H (2D-GIST)
gij21358615	FBgn0039737	1260.17	2518.32	2518.31	0.01	0	61	4.20E-05	1	K.DGATLQMIGSIPDAVLAALHNHK.D	0.98	R&H (2D-GIST)
gij21358615	FBgn0039737	838.44	2512.29	2512.27	0.02	0	54	0.00026	1	K.DGATLQMIGSIPDAVLAALHNHK.D	0.89	R&L (2D-GIST)
gij21358615	FBgn0039737	1189.92	3566.73	3566.69	0.04	0	50	0.00033	1	K.QIVKPDVFSIHVSPPDNHYGCSLGTSDVDCVR.A	0.75	F&H (2D-GIST)
gij21358615	FBgn0039737	1189.91	3566.72	3566.69	0.02	0	73	2.00E-06	1	K.QIVKPDVFSIHVSPPDNHYGCSLGTSDVDCVR.A	0.85	R&L (2D-GIST)
gij21358615	FBgn0039737	1028.06	2054.11	2054.09	0.02	0	56	0.00015	1	R.AHVHYVVTEHGASLFGK.N	0.78	F&H (2D-GIST)
gij21358615	FBgn0039737	683.69	2048.05	2048.05	0.01	0	43	0.0032	1	R.AHVHYVVTEHGASLFGK.N	0.74	F&H (2D-GIST)
gij21358615	FBgn0039737	683.69	2048.05	2048.05	0	0	45	0.0021	1	R.AHVHYVVTEHGASLFGK.N	0.97	R&L (2D-GIST)
gij21358615	FBgn0039737	1025.03	2048.05	2048.05	0	0	59	9.90E-05	1	R.AHVHYVVTEHGASLFGK.N	1.05	R&L (2D-GIST)
gij24651668	FBgn0039857	701.84	1401.67	1401.67	0	0	57	0.00012	1	K.VPEHLNDAYFR.R	0.91	F&H (2D-GIST)
gij24651668	FBgn0039857	703.35	1404.69	1404.69	0	0	52	0.00032	1	K.VPEHLNDAYFR.R	1.04	R&H (2D-GIST)
gij38047817	FBgn0039857	818.5	1634.99	1634.98	0	1	57	1.70E-05	1	R.RNLTPGTVLILLAGR.H	1.23	R&L (2D-GIST)

gij24638644	FBgn0039909	699.35	1396.69	1396.68	0.01	0	65	1.60E-05	1	K.TSMEALIHFFK.L	0.99	F&H (2D-GIST)
gij24638644	FBgn0039909	702.37	1402.73	1402.72	0.01	0	59	8.50E-05	1	K.TSMEALIHFFK.L	0.80	R&H (2D-GIST)
gij24638644	FBgn0039909	662.02	1983.05	1983.04	0	0	42	0.0036	1	R.NLTLNFGPQHAAHGVLR.L	0.78	F&H (2D-GIST)
gij24638644	FBgn0039909	662.02	1983.05	1983.04	0.01	0	36	0.015	1	R.NLTLNFGPQHAAHGVLR.L	0.84	R&L (2D-GIST)
gij6752668	FBgn0040064	828.93	1655.84	1655.84	0	0	57	0.00012	1	K.EVDFVVEHPRPK.T	1.22	F&H (2D-GIST)
gij6752668	FBgn0040064	881.45	1760.88	1760.87	0.01	0	32	0.054	1	K.LPMALTAENLADQYK.I	0.92	F&H (2D-GIST)
gij17648125	FBgn0040064	881.45	1760.88	1760.87	0.01	0	43	0.0035	1	K.LPMALTAENLADQYK.I	1.18	R&L (2D-GIST)
gij17648125	FBgn0040064	828.93	1655.85	1655.84	0	0	67	1.10E-05	1	K.EVDFVVEHPRPK.T	0.99	F&H (2D-GIST)
gij17648125	FBgn0040064	952.01	1902.01	1902.01	0	0	95	1.50E-08	1	K.LNVNGGAIALGHPLGASGSR.I	1.05	F&H (2D-GIST)
gij17648125	FBgn0040064	953.53	1905.04	1905.03	0.01	0	81	4.40E-07	1	K.LNVNGGAIALGHPLGASGSR.I	1.06	R&H (2D-GIST)
gij17648125	FBgn0040064	828.93	1655.85	1655.84	0.01	0	65	2.00E-05	1	K.EVDFVVEHPRPK.T	1.18	R&H (2D-GIST)
gij17648125	FBgn0040064	1067.6	2133.18	2133.16	0.01	0	75	1.10E-06	1	R.HVGLNCGVPIEKPALGINR.L	1.23	R&H (2D-GIST)
gij17648125	FBgn0040064	710.05	2127.13	2127.13	0.01	0	47	0.001	1	R.HVGLNCGVPIEKPALGINR.L	1.35	R&L (2D-GIST)
gij17648125	FBgn0040064	952.02	1902.02	1902.01	0.01	0	92	3.40E-08	1	K.LNVNGGAIALGHPLGASGSR.I	1.11	R&L (2D-GIST)
gij17648125	FBgn0040064	448.92	1343.73	1343.73	0	0	49	0.0009	1	R.ITGHLVHELQR.K	1.10	F&H (2D-GIST)
gij17648125	FBgn0040064	672.87	1343.73	1343.73	0	0	48	0.0011	1	R.ITGHLVHELQR.K	1.29	R&L (2D-GIST)
gij17648125	FBgn0040064	448.92	1343.73	1343.73	0	0	50	0.00071	1	R.ITGHLVHELQR.K	1.34	R&L (2D-GIST)
gij17737635	FBgn0040075	687.87	1373.73	1373.73	0	0	30	0.064	1	R.SPHGIPIDLLDR.M	0.77	F&H (2D-GIST)
gij17737635	FBgn0040075	668.36	2002.06	2002.05	0.01	0	52	0.00037	1	K.EVVHTVTLHEIDVINSR.T	1.28	R&L (2D-GIST)
gij22024248	FBgn0040091	875	1747.98	1747.98	0	0	40	0.0044	1	R.NVPILGLPLFQHEAR.N	0.82	R&H (2D-GIST)
gij22024248	FBgn0040091	674.37	2020.08	2020.07	0.01	0	29	0.054	1	K.ILVLPFHVNEGHFVVMR.T	0.93	F&H (2D-GIST)
gij21358097	FBgn0040284	840.41	1678.81	1678.81	0	1	41	0.0038	1	R.RGPPFAFVEFEDAR.D	0.77	F&H (2D-GIST)
gij21358097	FBgn0040284	481.29	960.56	960.56	0	1	32	0.035	1	R.LRVEFP.R.G	1.25	R&H (2D-GIST)
gij20128937	FBgn0040377	571.82	1141.63	1141.62	0	1	29	0.1	1	K.DRLPIFPR.G	1.01	F&H (2D-GIST)
gij20128937	FBgn0040377	486.96	1457.85	1457.85	0	1	39	0.0021	1	R.RVNAIEHVIIPR.I	0.65	F&H (2D-GIST)
gij20128937	FBgn0040377	487.96	1460.87	1460.87	0	1	31	0.022	1	R.RVNAIEHVIIPR.I	0.78	R&H (2D-GIST)
gij19922872	FBgn0040499	528.73	1055.45	1055.45	0	0	33	0.0046	1	R.NYYDHFR.D	0.67	F&H (2D-GIST)
gij19922872	FBgn0040499	730.03	2187.08	2187.07	0.01	0	33	0.026	1	K.HLQQLTENGHQVVPEER.V	1.24	F&H (2D-GIST)
gij19922872	FBgn0040499	729.02	2184.05	2184.06	-0.01	0	42	0.0033	1	K.HLQQLTENGHQVVPEER.V	0.98	R&L (2D-GIST)
gij24659348	FBgn0040660	710.87	1419.72	1419.71	0	1	57	0.00015	1	R.HKEFLENLHK.-	0.93	F&H (2D-GIST)
gij24659348	FBgn0040660	710.86	1419.71	1419.71	0	1	50	0.00067	1	R.HKEFLENLHK.-	0.78	F&H (2D-GIST)
gij24659348	FBgn0040660	715.39	1428.77	1428.77	0	1	57	0.00013	1	R.HKEFLENLHK.-	1.14	R&H (2D-GIST)
gij17945779	FBgn0040660	1125.09	2248.16	2248.17	-0.01	1	54	0.00027	1	R.LKNDQIHQAEFHHQIQK.E	0.90	F&H (2D-GIST)
gij17945779	FBgn0040660	978.98	1955.94	1955.92	0.02	0	55	0.00018	1	K.NDQIHQAEFHHQIQK.E	0.72	F&H (2D-GIST)
gij17945779	FBgn0040660	747.38	2239.11	2239.11	0	1	44	0.0025	1	R.LKNDQIHQAEFHHQIQK.E	0.79	F&H (2D-GIST)
gij17945779	FBgn0040660	652.98	1955.93	1955.92	0	0	30	0.049	1	K.NDQIHQAEFHHQIQK.E	0.85	F&H (2D-GIST)
gij17945779	FBgn0040660	981.99	1961.96	1961.96	0	0	41	0.0038	1	K.NDQIHQAEFHHQIQK.E	1.03	R&H (2D-GIST)
gij17945779	FBgn0040660	1120.57	2239.12	2239.11	0.01	1	53	0.00033	1	R.LKNDQIHQAEFHHQIQK.E	0.93	R&L (2D-GIST)
gij17945779	FBgn0040660	747.38	2239.12	2239.11	0	1	36	0.015	1	R.LKNDQIHQAEFHHQIQK.E	1.09	R&L (2D-GIST)

gij17945779	FBgn0040660	652.98	1955.93	1955.92	0	0	33	0.023	1	K.NDQIHQAEFHQOIK.E	1.10	R&L (2D-GIST)
gij17933586	FBgn0041629	842.95	1683.88	1683.87	0.01	0	63	3.90E-05	1	R.FHVVPAGEAATQFLR.E	1.20	F&H (2D-GIST)
gij17933586	FBgn0041629	844.46	1686.91	1686.89	0.01	0	35	0.021	1	R.FHVVPAGEAATQFLR.E	1.52	R&H (2D-GIST)
gij17933586	FBgn0041629	573.8	1145.58	1145.58	0	0	48	0.00081	1	R.LWSQFHQR.N	0.92	F&H (2D-GIST)
gij17933586	FBgn0041629	785.37	2353.1	2353.11	-0.01	0	39	0.0052	1	R.GIHADAVIPHWCVLHEGQCL.-	1.10	R&L (2D-GIST)
gij17933586	FBgn0041629	819.1	2454.29	2454.28	0.01	0	40	0.0047	1	K.LNLVHWHVVDTHSFPLEITR.V	0.48	R&L (2D-GIST)
gij21428670	FBgn0041630	730.38	1458.75	1458.74	0.01	0	50	0.00061	1	R.LWGHFQTEALGR.V	0.86	R&H (2D-GIST)
gij21428670	FBgn0041630	949.51	1897	1896.99	0	0	60	5.80E-05	1	R.HGLETLAQLIVYDDIR.R	0.67	R&L (2D-GIST)
gij11321422	FBgn0041789	1078.47	2154.92	2154.91	0.01	0	91	5.60E-09	1	R.DGFPYCEPDYHNLFSR.C	1.03	F&H (2D-GIST)
gij14669808	FBgn0041789	940.46	1878.91	1878.89	0.02	0	78	5.70E-07	1	K.AQPQVYQEHYSVETR.S	1.08	R&H (2D-GIST)
gij14669824	FBgn0041789	918.42	2752.23	2752.22	0.01	0	78	2.20E-07	1	R.AIMENYISALNSQWHPDCFVCR.D	0.79	R&L (2D-GIST)
gij25012834	FBgn0050084	757.9	1513.79	1513.78	0.01	0	39	0.01	1	R.RPLQDIGFVEEK.G	0.67	F&H (2D-GIST)
gij25012834	FBgn0050084	757.9	1513.79	1513.78	0.01	0	37	0.016	1	R.RPLQDIGFVEEK.G	0.92	R&L (2D-GIST)
gij25012834	FBgn0050084	996.94	1991.87	1991.86	0	0	51	8.80E-05	1	R.IWCPDHFICVNGNCR.R	1.07	F&H (2D-GIST)
gij25012834	FBgn0050084	995.43	1988.85	1988.84	0.01	0	47	0.00023	1	R.IWCPDHFICVNGNCR.R	0.93	R&L (2D-GIST)
gij25012834	FBgn0050084	924.87	1847.72	1847.72	0.01	0	61	1.20E-06	1	K.HFHPECFTCGQCGK.I	2.05	R&L (2D-GIST)
gij22024201	FBgn0050122	1078	2153.98	2153.97	0.01	0	95	7.00E-09	1	K.SLLLLGEAEHSFGYCETGR.K	0.99	F&H (2D-GIST)
gij22024201	FBgn0050122	778.42	1554.83	1554.82	0.01	0	64	2.30E-05	1	K.VGLSWLDSDLHLR.I	0.81	F&H (2D-GIST)
gij22024201	FBgn0050122	868.4	1734.79	1734.78	0	0	58	4.60E-05	1	R.LSEESVPENSHYFR.D	0.88	F&H (2D-GIST)
gij22024201	FBgn0050122	869.91	1737.81	1737.8	0.01	0	33	0.012	1	R.LSEESVPENSHYFR.D	0.63	R&H (2D-GIST)
gij22024201	FBgn0050122	778.42	1554.83	1554.82	0.01	0	58	0.00011	1	K.VGLSWLDSDLHLR.I	1.08	R&H (2D-GIST)
gij17861652	FBgn0050359	775.38	1548.74	1548.74	0	0	29	0.069	1	R.TANWVLGNHDQPR.V	1.23	F&H (2D-GIST)
gij17861652	FBgn0050359	628.29	1254.56	1254.55	0	0	45	0.00047	1	R.GSAWQWHEGR.Q	1.43	F&H (2D-GIST)
gij28571736	FBgn0051302	1027.81	3080.41	3080.44	-0.03	0	32	0.014	1	R.AVGQHAANVGQTGGAGRPGQEEAPGAYADFR.T	0.79	F&H (2D-GIST)
gij28571736	FBgn0051302	1027.82	3080.45	3080.44	0	0	62	2.20E-05	1	R.AVGQHAANVGQTGGAGRPGQEEAPGAYADFR.T	1.00	R&L (2D-GIST)
gij28571736	FBgn0051302	499.27	1494.8	1494.8	0	0	35	0.021	1	R.ALIEGVDSTRPHR.I	1.11	F&H (2D-GIST)
gij24638815	FBgn0052017	769.38	1536.76	1536.75	0	0	55	0.00016	1	K.TEEASHIVNPSGVR.T	0.91	F&H (2D-GIST)
gij24638815	FBgn0052017	767.37	1532.73	1532.72	0	0	33	0.025	1	R.LGEFGSSASGLSHSR.Y	1.12	F&H (2D-GIST)
gij24661073	FBgn0052029	631.87	1261.72	1261.71	0	1	44	0.0024	1	R.IKDTVAEQIR.A	0.62	F&H (2D-GIST)
gij24661073	FBgn0052029	820.04	2457.09	2457.08	0.01	0	35	0.0046	1	K.QQYQHQQQQQYHYQ.-	0.94	F&H (2D-GIST)
gij24661073	FBgn0052029	1407.69	2813.37	2813.37	0	0	33	0.02	1	R.DYQQYQPQQAAYRPPAQAAPQPPR.R	0.76	R&H (2D-GIST)
gij24661073	FBgn0052029	989.83	2966.47	2966.45	0.02	1	44	0.0019	1	R.DYQQYQPQQAAYRPPAQAAPQPPR.I	0.99	F&H (2D-GIST)
gij28574664	FBgn0053113	669.86	1337.7	1337.69	0	0	74	2.00E-06	1	K.QSIDTHLIDLVR.S	0.62	F&H (2D-GIST)
gij28574664	FBgn0053113	671.37	1340.72	1340.71	0	0	64	2.30E-05	1	K.QSIDTHLIDLVR.S	0.70	R&H (2D-GIST)
gij28574664	FBgn0053113	1077.11	2152.2	2152.18	0.02	0	66	9.00E-06	1	K.VQNIAGVAVAHINGFISELR.R	0.77	R&H (2D-GIST)
gij28574664	FBgn0053113	717.4	2149.17	2149.16	0.01	0	70	3.40E-06	1	K.VQNIAGVAVAHINGFISELR.R	0.77	R&L (2D-GIST)
gij28574664	FBgn0053113	791.92	1581.83	1581.83	0	0	69	8.10E-06	1	R.LHPQVESLIYWR.D	0.99	F&H (2D-GIST)
gij28574664	FBgn0053113	793.43	1584.86	1584.85	0.01	0	69	9.00E-06	1	R.LHPQVESLIYWR.D	1.01	R&H (2D-GIST)
gij28574664	FBgn0053113	769.43	2305.28	2305.27	0.01	1	31	0.02	1	K.VQNIAGVAVAHINGFISELRR.L	0.73	R&L (2D-GIST)

gil28573410	FBgn0053138	852.41	1702.81	1702.82	0	0	51	0.00031	1	R.IYECHVGIASQEPR.V	0.53	F&H (2D-GIST)
gil17861974	FBgn0053138	1033.51	3097.52	3097.53	-0.01	0	44	0.0019	1	R.IITIAEDVSGMPTLCRPVSEGGIGFDYR.L	0.29	R&H (2D-GIST)
gil28573410	FBgn0053138	852.42	1702.82	1702.82	0.01	0	42	0.0025	1	R.IYECHVGIASQEPR.V	0.68	R&H (2D-GIST)
gil28573410	FBgn0053138	688.68	2063.01	2063.01	0	0	37	0.012	1	K.LFETDGYLRPFEHEIR.R	0.55	F&H (2D-GIST)
gil28573410	FBgn0053138	599.3	1794.88	1794.88	0	0	42	0.0043	1	K.HYGLHFQPDNSVIAR.E	0.62	F&H (2D-GIST)
gil28573410	FBgn0053138	689.69	2066.04	2066.03	0.01	0	32	0.04	1	K.LFETDGYLRPFEHEIR.R	0.59	R&H (2D-GIST)
gil28573410	FBgn0053138	600.31	1797.9	1797.9	0	0	45	0.0017	1	K.HYGLHFQPDNSVIAR.E	0.69	R&H (2D-GIST)
gil24581873	FBgn0053715	761.4	1520.79	1520.78	0.01	0	47	0.0013	1	R.SLVASLPHELEER.E	0.70	F&H (2D-GIST)
gil24581873	FBgn0053715	762.91	1523.81	1523.8	0.01	0	50	0.00057	1	R.SLVASLPHELEER.E	0.70	R&H (2D-GIST)
gil24581873	FBgn0053715	671.89	1341.76	1341.76	0	0	51	0.00037	1	R.IGQFVTHLVQR.Y	0.81	F&H (2D-GIST)
gil24581873	FBgn0053715	670.38	1338.75	1338.74	0.01	0	56	0.00012	1	R.IGQFVTHLVQR.Y	0.97	R&L (2D-GIST)
gil24581873	FBgn0053715	1119.94	3356.8	3356.78	0.03	0	39	0.0027	1	K.QAQGELLVEHLVHTGEVVLASTSAQGQEIR.N	1.13	F&H (2D-GIST)
gil24581873	FBgn0053715	651.65	1951.93	1951.93	0	0	37	0.0095	1	K.FHALEHNFGQALQENR.A	0.48	F&H (2D-GIST)
gil24581873	FBgn0053715	708.71	2123.11	2123.1	0.01	0	32	0.029	1	R.VETSLHVIHALLQEHADK.K	0.96	F&H (2D-GIST)
gil24581873	FBgn0053715	839.76	2516.25	2516.24	0.01	0	70	5.60E-06	1	K.EIHQWLSEAEQLLGTNLSGGR.D	0.92	R&L (2D-GIST)
gil24581873	FBgn0053715	708.71	2123.12	2123.1	0.01	0	44	0.002	1	R.VETSLHVIHALLQEHADK.K	1.02	R&L (2D-GIST)
gil30923745	FBgn0058160	792.41	1582.81	1582.81	0	0	28	0.11	1	R.SVQTVILHPDYNR.R	0.80	F&H (2D-GIST)
gil30923745	FBgn0058160	929.48	1856.95	1856.96	0	1	44	0.0031	1	K.RVPLPIVEFNQCQTR.L	1.08	F&H (2D-GIST)
gil30923745	FBgn0058160	793.92	1585.84	1585.83	0.01	0	28	0.098	1	R.SVQTVILHPDYNR.R	1.52	R&H (2D-GIST)
gil30923745	FBgn0058160	929.48	1856.95	1856.96	0	1	62	4.20E-05	1	K.RVPLPIVEFNQCQTR.L	1.24	R&L (2D-GIST)
gil25013110	FBgn0064779	494.8	987.58	987.58	0.01	0	48	0.0012	1	K.ELGVGLVTR.K	0.76	F&H (2D-GIST)
gil25013110	FBgn0064779	762.87	1523.72	1523.72	0	0	52	0.00017	1	K.LGVFDEETLDGR.N	0.98	R&H (2D-GIST)
gil25013110	FBgn0064779	493.29	984.57	984.56	0.01	0	54	0.00043	1	K.ELGVGLVTR.K	0.92	R&L (2D-GIST)
gil19920756	FBgn0067992	934.55	1867.09	1867.08	0.01	1	48	0.00031	1	R.KDPNTHLIFLPTLLR.W	0.97	R&H (2D-GIST)
gil19920756	FBgn0067992	613.65	1837.94	1837.93	0	1	33	0.033	1	K.KAPGNSHFVHVDVGER.A	0.93	F&H (2D-GIST)
gil19920756	FBgn0067992	916.95	1831.9	1831.9	0	1	63	3.30E-05	1	K.KAPGNSHFVHVDVGER.A	0.92	F&H (2D-GIST)
gil19920756	FBgn0067992	919.98	1837.94	1837.93	0	1	47	0.0013	1	K.KAPGNSHFVHVDVGER.A	0.82	R&H (2D-GIST)
gil19920756	FBgn0067992	611.64	1831.9	1831.9	0	1	42	0.0043	1	K.KAPGNSHFVHVDVGER.A	0.88	R&L (2D-GIST)

^a NCBI accession nos. were obtained from National Center for Biotechnology Information nonredundant *Drosophila* database.

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

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

^d Peptides are unique tryptic peptides with the primary amino groups (i.e., amino-terminus and lysine residues) acetylated in the isotope labeling experiments.

^e Ratios were computed using peak intensities from extracted ion chromatograms of light- and heavy-labeled peptides in the isotope labeling approach. Refer to experimental procedures for details. Peak areas were shown for the peptides identified in each sample for the label-free approach.

^f Modification type of the corresponding peptides identified in the isotope-labeling approach was indicated with L (light-labeled) and H (heavy-labeled). F indicates that the peptide was detected in the forward labeling experiment (the first biological replicate) and R indicates that it was detected in the reverse labeling experiment (the second biological replicate). Refer to the text for the three approaches utilized for relative protein quantification.