

Protein Class	Contig ID	TPM - Segemeht	TPM - Kallisto	Signal Peptide	Protein Hit	Protein Name	false positive
Aegyptin	no hit	0	0	X	X		
Alpha-amylase	Gene.55345:c11530_g5_i1_VG_Ma_ar_203:g.55345:m.55345	3368.40	1964.30	YES	NO		
Anophelin	no hit	0	0	X	X		
Apyrase	Gene.124024:c57686_g1_i1_VG_Ma_ar_203:g.124024:m.124024 Gene.123955:c57638_g1_i1_VG_Ma_ar_203:g.123955:m.123955 Gene.84819:c16839_g1_i1_VG_Ma_ar_203:g.84819:m.84819 Gene.121725:c55358_g1_i1_VG_Ma_ar_203:g.121725:m.121725 Gene.124970:c58408_g1_i1_VG_Ma_ar_203:g.124970:m.124970 Gene.101276:c33896_g1_i1_VG_Ma_ar_203:g.101276:m.101276	0.73 0.48 0.40 0.29 0.43 0.21	0.31 0.27 0.82 0.46 0.00 0.00	NO NO NO NO NO NO	NO NO NO NO NO NO		
CAP	Gene.20169:c7787_g1_i1_VG_Ma_ar_203:g.20169:m.20169 Gene.28460:c9053_g1_i1_VG_Ma_ar_203:g.28460:m.28460 Gene.20913:c7931_g1_i1_VG_Ma_ar_203:g.20913:m.20913 Gene.103759:c36572_g1_i1_VG_Ma_ar_203:g.103759:m.103759	9.93 5.47 2.80 0.21	5.28 3.43 1.39 0.00	YES YES NO NO	NO NO NO NO		
Chitinase	Gene.17914:c7381_g1_i1_VG_Ma_ar_203:g.17914:m.17914 Gene.45193:c10777_g1_i1_VG_Ma_ar_203:g.45193:m.45193 Gene.244:c123_g1_i1_VG_Ma_ar_203:g.244:m.244 Gene.101530:c34136_g1_i1_VG_Ma_ar_203:g.101530:m.101530 Gene.80874:c13493_g1_i1_VG_Ma_ar_203:g.80874:m.80874 Gene.98145:c31275_g1_i1_VG_Ma_ar_203:g.98145:m.98145 Gene.91863:c24312_g1_i1_VG_Ma_ar_203:g.91863:m.91863 Gene.97246:c30619_g1_i1_VG_Ma_ar_203:g.97246:m.97246 Gene.107463:c40636_g1_i1_VG_Ma_ar_203:g.107463:m.107463 Gene.89624:c22433_g1_i1_VG_Ma_ar_203:g.89624:m.89624 Gene.97972:c31143_g1_i1_VG_Ma_ar_203:g.97972:m.97972 Gene.93877:c26287_g1_i1_VG_Ma_ar_203:g.93877:m.93877 Gene.116667:c49942_g1_i1_VG_Ma_ar_203:g.116667:m.116667 Gene.130459:c64248_g1_i1_VG_Ma_ar_203:g.130459:m.130459 Gene.88261:c21310_g1_i1_VG_Ma_ar_203:g.88261:m.88261 Gene.91476:c23944_g1_i1_VG_Ma_ar_203:g.91476:m.91476	36.23 13.59 1.79 1.78 0.40 0.92 0.25 0.29 0.34 0.23 0.22 0.22 0.27 0.30 0.19 0.13	16.99 6.97 0.83 4.11 0.33 0.45 0.05 0.42 0.38 0.00 0.51 0.26 1.63 2.26 1.44 0.68	YES NO YES NO YES NO NO NO NO NO NO NO NO NO NO NO	NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO		
Conoporin-like	no hit	0	0	X	X		
Csalpha/beta defensin	Gene.11823:c5912_g1_i1_VG_Ma_ar_203:g.11823:m.11823 Gene.20857:c7918_g1_i1_VG_Ma_ar_203:g.20857:m.20857 Gene.1068:c616_g1_i1_VG_Ma_ar_203:g.1068:m.1068 Gene.5942:c3498_g1_i1_VG_Ma_ar_203:g.5942:m.5942 Gene.107433:c40613_g1_i1_VG_Ma_ar_203:g.107433:m.107433	18.25 3.77 1.22 0.54 0.49	30.07 8.18 0.79 0.65 0.87	YES YES NO YES NO	NO NO NO NO NO		
Cystatin	no hit	0	0	X	X		
dICK'S	no hit	0	0	X	X		
Disintegrine-like	no hit	0	0	X	X		
Echotoxin-like	no hit	0	0	X	X		
Gigantoxin-like	no hit	0	0	X	X		
Hyaluronidase	Gene.28757:c9090_g2_i1_VG_Ma_ar_203:g.28757:m.28757 Gene.28764:c9090_g2_i2_VG_Ma_ar_203:g.28764:m.28764 Gene.28756:c9090_g1_i2_VG_Ma_ar_203:g.28756:m.28756 Gene.28753:c9090_g1_i1_VG_Ma_ar_203:g.28753:m.28753 Gene.3918:c2263_g1_i1_VG_Ma_ar_203:g.3918:m.3918 Gene.107592:c40726_g1_i1_VG_Ma_ar_203:g.107592:m.107592	3656.19 3619.17 3388.29 143.92 113.30 92.16	1457.11 261.50 2693.45 192.92 78.63 71.71	YES YES NO NO NO NO	NO NO NO NO NO NO		
ICK's (Asilidin1)	Gene.14531:c6656_g1_i1_VG_Ma_ar_203:g.14531:m.14531 Gene.1664:c945_g1_i1_VG_Ma_ar_203:g.1664:m.1664 Gene.107024:c40279_g1_i1_VG_Ma_ar_203:g.107024:m.107024 Gene.13642:c6412_g1_i1_VG_Ma_ar_203:g.13642:m.13642 Gene.16201:c7031_g1_i1_VG_Ma_ar_203:g.16201:m.16201 Gene.13643:c6412_g1_i2_VG_Ma_ar_203:g.13643:m.13643 Gene.10845:c5521_g1_i1_VG_Ma_ar_203:g.10845:m.10845 Gene.2190:c1225_g1_i1_VG_Ma_ar_203:g.2190:m.2190 Gene.15197:c6797_g1_i2_VG_Ma_ar_203:g.15197:m.15197 Gene.116437:c49732_g1_i1_VG_Ma_ar_203:g.116437:m.116437 Gene.110937:c43784_g1_i1_VG_Ma_ar_203:g.110937:m.110937 Gene.109832:c42699_g1_i1_VG_Ma_ar_203:g.109832:m.109832 Gene.8508:c4716_g1_i1_VG_Ma_ar_203:g.8508:m.8508	10503.09 2183.45 158.90 14.90 13.20 5.89 2.39 1.27 1.11 0.74 0.43 0.36 0.44	34056.90 6137.03 494.40 34.12 15.05 4.83 12.93 0.88 1.24 1.02 1.34 1.21 3.16	YES YES YES NO YES YES YES YES YES NO NO NO NO	YES YES YES YES NO NO NO NO NO NO NO NO NO	U-Asilidin1-Mar1a U-Asilidin1-Mar2a U-Asilidin1-Mar3a	
Kazal	Gene.18749:c7531_g1_i2_VG_Ma_ar_203:g.18749:m.18749 Gene.18522:c7488_g1_i1_VG_Ma_ar_203:g.18522:m.18522 Gene.18740:c7531_g1_i1_VG_Ma_ar_203:g.18740:m.18740 Gene.15959:c6979_g1_i2_VG_Ma_ar_203:g.15959:m.15959 Gene.2803:c1568_g1_i2_VG_Ma_ar_203:g.2803:m.2803 Gene.15957:c6979_g1_i1_VG_Ma_ar_203:g.15957:m.15957 Gene.89253:c22127_g1_i1_VG_Ma_ar_203:g.89253:m.89253 Gene.105938:c39487_g1_i1_VG_Ma_ar_203:g.105938:m.105938 Gene.21338:c8009_g1_i2_VG_Ma_ar_203:g.21338:m.21338 Gene.21333:c8009_g1_i1_VG_Ma_ar_203:g.21333:m.21333 Gene.7042:c4196_g1_i1_VG_Ma_ar_203:g.7042:m.7042 Gene.97792:c31014_g1_i1_VG_Ma_ar_203:g.97792:m.97792 Gene.88427:c21559_g1_i1_VG_Ma_ar_203:g.88427:m.88427 Gene.114606:c48259_g1_i1_VG_Ma_ar_203:g.114606:m.114606 Gene.2801:c1568_g1_i1_VG_Ma_ar_203:g.2801:m.2801 Gene.99070:c31951_g1_i1_VG_Ma_ar_203:g.99070:m.99070 Gene.106536:c39905_g1_i1_VG_Ma_ar_203:g.106536:m.106536 Gene.97136:c30550_g1_i1_VG_Ma_ar_203:g.97136:m.97136 Gene.9729:c5148_g1_i1_VG_Ma_ar_203:g.9729:m.9729 Gene.88545:c21635_g1_i1_VG_Ma_ar_203:g.88545:m.88545 Gene.101601:c34199_g1_i1_VG_Ma_ar_203:g.101601:m.101601 Gene.124742:c58235_g1_i1_VG_Ma_ar_203:g.124742:m.124742 Gene.111723:c44675_g1_i1_VG_Ma_ar_203:g.111723:m.111723 Gene.108168:c41174_g1_i1_VG_Ma_ar_203:g.108168:m.108168	1.95 12.51 1.75 5.61 1.22 4.55 4.39 0.69 2.12 1.80 1.40 0.60 2.00 1.15 0.81 0.45 0.44 0.43 0.43 0.36 0.32 0.25 0.21 0.08	1.01 42.71 0.09 7.53 0.76 4.12 8.42 0.33 2.00 1.20 1.04 1.04 2.33 1.48 0.00 0.26 0.18 0.29 0.77 0.33 0.55 1.36 0.93 1.20	YES YES YES NO NO NO YES NO YES YES YES NO NO NO NO YES NO NO NO NO NO NO NO NO	NO NO		excluded
Kazal (vasotab-like)	Gene.18522:c7488_g1_i1_VG_Ma_ar_203:g.18522:m.18522 Gene.2803:c1568_g1_i2_VG_Ma_ar_203:g.2803:m.2803 Gene.105938:c39487_g1_i1_VG_Ma_ar_203:g.105938:m.105938 Gene.14165:c6545_g1_i1_VG_Ma_ar_203:g.14165:m.14165 Gene.14172:c6545_g1_i2_VG_Ma_ar_203:g.14172:m.14172 Gene.114606:c48259_g1_i1_VG_Ma_ar_203:g.114606:m.114606 Gene.2801:c1568_g1_i1_VG_Ma_ar_203:g.2801:m.2801 Gene.99070:c31951_g1_i1_VG_Ma_ar_203:g.99070:m.99070 Gene.14168:c6545_g2_i1_VG_Ma_ar_203:g.14168:m.14168 Gene.97136:c30550_g1_i1_VG_Ma_ar_203:g.97136:m.97136 Gene.88545:c21635_g1_i1_VG_Ma_ar_203:g.88545:m.88545 Gene.108168:c41174_g1_i1_VG_Ma_ar_203:g.108168:m.108168	12.51 1.22 0.69 1.96 1.83 1.15 0.81 0.45 0.61 0.43 0.36 0.08	42.71 0.76 0.33 1.19 0.00 1.48 0.00 0.26 1.63 0.29 0.33 1.20	YES NO NO YES YES NO NO YES YES NO NO NO	NO NO NO NO NO NO NO NO NO NO NO NO		excluded

Kunitz	Gene.21219::c7992_g1_i1_VG_Ma_ar_203:g.21219:m.21219	11.54	7.36	YES	NO	excluded
	Gene.10407::c5358_g1_i1_VG_Ma_ar_203:g.10407:m.10407	1.16	0.51	NO	NO	
	Gene.113889::c47766_g1_i1_VG_Ma_ar_203:g.113889:m.113889	1.45	0.70	NO	NO	
	Gene.16390::c7075_g1_i1_VG_Ma_ar_203:g.16390:m.16390	3.72	4.28	YES	NO	
	Gene.12590::c6122_g1_i1_VG_Ma_ar_203:g.12590:m.12590	2.18	1.82	YES	NO	
	Gene.16393::c7075_g1_i2_VG_Ma_ar_203:g.16393:m.16393	2.02	2.39	YES	NO	
	Gene.117936::c51081_g1_i1_VG_Ma_ar_203:g.117936:m.117936	1.06	0.57	NO	NO	
	Gene.80995::c13579_g1_i1_VG_Ma_ar_203:g.80995:m.80995	0.50	0.36	NO	NO	
	Gene.11874::c5925_g1_i2_VG_Ma_ar_203:g.11874:m.11874	1.25	1.21	YES	NO	
	Gene.11871::c5925_g1_i1_VG_Ma_ar_203:g.11871:m.11871	1.13	0.86	YES	NO	
	Gene.98155::c31287_g1_i1_VG_Ma_ar_203:g.98155:m.98155	0.39	0.26	YES	NO	
	Gene.99576::c32365_g1_i1_VG_Ma_ar_203:g.99576:m.99576	0.46	0.67	NO	NO	
	Gene.5595::c3272_g1_i1_VG_Ma_ar_203:g.5595:m.5595	0.45	0.40	NO	NO	
	Gene.21222::c7992_g2_i1_VG_Ma_ar_203:g.21222:m.21222	0.51	0.47	YES	NO	
	Gene.84339::c16397_g1_i1_VG_Ma_ar_203:g.84339:m.84339	0.37	0.74	YES	NO	
	Gene.114882::c48469_g1_i1_VG_Ma_ar_203:g.114882:m.114882	0.26	0.41	NO	NO	
	Gene.127770::c61022_g1_i1_VG_Ma_ar_203:g.127770:m.127770	0.32	0.00	NO	NO	
	Gene.128733::c62005_g1_i1_VG_Ma_ar_203:g.128733:m.128733	0.26	0.36	NO	NO	
Lectin c-type	Gene.72719::c12442_g1_i2_VG_Ma_ar_203:g.72719:m.72719	12.69	4.73	YES	NO	excluded
	Gene.72706::c12442_g1_i1_VG_Ma_ar_203:g.72706:m.72706	11.50	1.96	YES	NO	
	Gene.74293::c12497_g1_i1_VG_Ma_ar_203:g.74293:m.74293	3.92	1.74	NO	NO	
	Gene.46843::c10911_g1_i1_VG_Ma_ar_203:g.46843:m.46843	5.55	2.57	YES	NO	
	Gene.34389::c9787_g1_i1_VG_Ma_ar_203:g.34389:m.34389	12.00	7.41	NO	NO	
	Gene.34398::c9787_g1_i2_VG_Ma_ar_203:g.34398:m.34398	5.29	2.68	YES	NO	
	Gene.76981::c12591_g2_i3_VG_Ma_ar_203:g.76981:m.76981	0.86	0.52	NO	NO	
	Gene.124466::c58021_g1_i1_VG_Ma_ar_203:g.124466:m.124466	0.76	0.45	NO	NO	
	Gene.3196::c1832_g1_i1_VG_Ma_ar_203:g.3196:m.3196	0.40	0.25	NO	NO	
	Gene.123236::c57107_g1_i1_VG_Ma_ar_203:g.123236:m.123236	0.51	0.53	NO	NO	
	Gene.85764::c17890_g1_i1_VG_Ma_ar_203:g.85764:m.85764	0.32	0.19	NO	NO	
	Gene.112921::c46119_g1_i1_VG_Ma_ar_203:g.112921:m.112921	0.41	0.22	NO	NO	
	Gene.86347::c18532_g1_i1_VG_Ma_ar_203:g.86347:m.86347	0.31	1.06	NO	NO	
Lipocalin calycins	Gene.23605::c8362_g1_i1_VG_Ma_ar_203:g.23605:m.23605	34.32	18.76	YES	NO	
	Gene.37491::c10076_g1_i1_VG_Ma_ar_203:g.37491:m.37491	5.72	4.38	YES	NO	
Maxadilan-like	no hit	0	0	X	X	
MBF2-domain	Gene.22058::c8127_g1_i1_VG_Ma_ar_203:g.22058:m.22058	13382.33	14289.60	YES	YES	
	Gene.22705::c8233_g1_i1_VG_Ma_ar_203:g.22705:m.22705	7311.64	5886.31	YES	YES	
	Gene.30540::c9325_g1_i1_VG_Ma_ar_203:g.30540:m.30540	6483.05	6001.45	YES	YES	
	Gene.14157::c6543_g1_i1_VG_Ma_ar_203:g.14157:m.14157	2603.90	2619.80	YES	YES	
	Gene.24708::c8530_g2_i1_VG_Ma_ar_203:g.24708:m.24708	1543.09	1549.42	YES	YES	
	Gene.27218::c8887_g1_i1_VG_Ma_ar_203:g.27218:m.27218	119.03	130.91	YES	NO	
	Gene.23193::c8307_g1_i1_VG_Ma_ar_203:g.23193:m.23193	62.12	67.70	YES	NO	
	Gene.24703::c8530_g1_i1_VG_Ma_ar_203:g.24703:m.24703	60.56	51.86	YES	NO	
	Gene.14801::c6717_g1_i1_VG_Ma_ar_203:g.14801:m.14801	11.38	9.60	YES	NO	
	Gene.17235::c7246_g1_i4_VG_Ma_ar_203:g.17235:m.17235	11.92	24.34	YES	NO	
	Gene.97150::c30562_g1_i1_VG_Ma_ar_203:g.97150:m.97150	3.85	3.53	NO	NO	
	Gene.14803::c6717_g1_i2_VG_Ma_ar_203:g.14803:m.14803	3.59	3.17	YES	NO	
Melittin-like	no hit	0	0	X	X	
Natterin-like (Asilidin10)	Gene.27187::c8882_g1_i2_VG_Ma_ar_203:g.27187:m.27187	287.11	78.66	NO	YES	U-Asilidin10-Mar1a
	Gene.27181::c8882_g1_i1_VG_Ma_ar_203:g.27181:m.27181	371.25	220.64	NO	YES	U-Asilidin10-Mar1b
	Gene.39255::c10244_g1_i1_VG_Ma_ar_203:g.39255:m.39255	144.22	82.67	NO	NO	
	Gene.31149::c9406_g3_i1_VG_Ma_ar_203:g.31149:m.31149	62.21	44.73	NO	NO	
	Gene.30691::c9348_g2_i1_VG_Ma_ar_203:g.30691:m.30691	41.02	21.44	NO	NO	
	Gene.21548::c8046_g1_i1_VG_Ma_ar_203:g.21548:m.21548	1.60	0.60	NO	NO	
Neurokinin-like	no hit	0	0	X	X	
Nitrophorin-like	no hit	0	0	X	X	
Novel protein (Asilidin2)	Gene.39461::c10270_g1_i1_VG_Ma_ar_203:g.39461:m.39461	89677.87	50391.90	YES	YES	U-Asilidin2-Mar1a
	Gene.15717::c6926_g2_i2_VG_Ma_ar_203:g.15717:m.15717	63481.01	33897.70	YES	YES	U-Asilidin2-Mar5a
	Gene.27859::c8967_g2_i1_VG_Ma_ar_203:g.27859:m.27859	52155.36	29204.60	YES	YES	U-Asilidin2-Mar2a
	Gene.27205::c8885_g1_i1_VG_Ma_ar_203:g.27205:m.27205	32431.17	17831.50	YES	YES	U-Asilidin2-Mar4a
	Gene.36480::c9987_g1_i1_VG_Ma_ar_203:g.36480:m.36480	23928.14	13207.10	YES	YES	U-Asilidin2-Mar3a
	Gene.27405::c8910_g1_i1_VG_Ma_ar_203:g.27405:m.27405	15245.66	8564.66	YES	YES	U-Asilidin2-Mar5a
	Gene.31085::c9400_g3_i1_VG_Ma_ar_203:g.31085:m.31085	6280.55	3774.55	YES	YES	U-Asilidin2-Mar5a
	Gene.35004::c9845_g2_i1_VG_Ma_ar_203:g.35004:m.35004	3485.47	3784.43	YES	YES	U-Asilidin2-Mar8a
	Gene.35009::c9845_g2_i2_VG_Ma_ar_203:g.35009:m.35009	1746.77	750.04	YES	NO	U-Asilidin2-Mar7a
	Gene.16974::c7198_g1_i1_VG_Ma_ar_203:g.16974:m.16974	40.99	28.94	YES	NO	
	Gene.123596::c57367_g1_i1_VG_Ma_ar_203:g.123596:m.123596	3.51	2.49	NO	NO	
	Gene.11712::c5868_g1_i1_VG_Ma_ar_203:g.11712:m.11712	1.31	0.67	YES	NO	
	Gene.81909::c14296_g1_i1_VG_Ma_ar_203:g.81909:m.81909	1.25	0.59	YES	NO	
Novel protein (Asilidin3)	Gene.12999::c6237_g1_i1_VG_Ma_ar_203:g.12999:m.12999	102696.52	118265.00	YES	YES	U-Asilidin3-Mar1a
	Gene.19005::c7574_g1_i1_VG_Ma_ar_203:g.19005:m.19005	64327.20	68838.30	YES	YES	U-Asilidin3-Mar1b
Novel protein (Asilidin4)	Gene.28195::c9018_g3_i1_VG_Ma_ar_203:g.28195:m.28195	23364.05	25950.30	NO	YES	U-Asilidin4-Mar1a
Novel protein (Asilidin5)	Gene.33857::c9725_g1_i1_VG_Ma_ar_203:g.33857:m.33857	7486.13	3753.84	YES	NO	
	Gene.105450::c39128_g1_i1_VG_Ma_ar_203:g.105450:m.105450	2819.97	2391.12	NO	NO	
	Gene.80917::c13524_g1_i1_VG_Ma_ar_203:g.80917:m.80917	1908.19	2264.93	NO	NO	
Novel protein (Asilidin6)	Gene.2154::c1207_g1_i2_VG_Ma_ar_203:g.2154:m.2154	1320.41	820.05	NO	YES	U-Asilidin6-Mar1a
	Gene.2148::c1207_g1_i1_VG_Ma_ar_203:g.2148:m.2148	1420.80	202.38	NO	YES	U-Asilidin6-Mar1b
	Gene.89382::c22237_g1_i1_VG_Ma_ar_203:g.89382:m.89382	268.31	225.25	NO	NO	
Novel protein (Asilidin7)	Gene.34206::c9761_g1_i1_VG_Ma_ar_203:g.34206:m.34206	483.10	406.64	YES	YES	U-Asilidin7-Mar1a
	Gene.117828::c50982_g1_i1_VG_Ma_ar_203:g.117828:m.117828	1.30	5.91	NO	NO	
Peptidase M12	Gene.41932::c10499_g1_i1_VG_Ma_ar_203:g.41932:m.41932	2.03	0.78	NO	NO	
	Gene.32494::c9568_g1_i1_VG_Ma_ar_203:g.32494:m.32494	3.01	0.66	YES	NO	
	Gene.32526::c9568_g1_i3_VG_Ma_ar_203:g.32526:m.32526	3.06	0.56	YES	NO	
	Gene.64046::c12048_g1_i1_VG_Ma_ar_203:g.64046:m.64046	3.37	1.54	NO	NO	
	Gene.32514::c9568_g1_i2_VG_Ma_ar_203:g.32514:m.32514	3.18	0.09	NO	NO	
	Gene.41948::c10499_g1_i2_VG_Ma_ar_203:g.41948:m.41948	1.79	0.08	NO	NO	
	Gene.10953::c5561_g1_i2_VG_Ma_ar_203:g.10953:m.10953	2.24	1.33	YES	NO	
	Gene.64060::c12048_g1_i2_VG_Ma_ar_203:g.64060:m.64060	2.93	0.71	NO	NO	
	Gene.74611::c12509_g1_i1_VG_Ma_ar_203:g.74611:m.74611	1.38	0.60	NO	NO	
	Gene.74644::c12509_g1_i5_VG_Ma_ar_203:g.74644:m.74644	1.58	0.38	NO	NO	
	Gene.80467::c13221_g1_i1_VG_Ma_ar_203:g.80467:m.80467	0.57	0.43	NO	NO	
	Gene.117852::c51002_g1_i1_VG_Ma_ar_203:g.117852:m.117852	0.32	0.43	NO	NO	
Peptidase M13	Gene.57706::c11672_g1_i1_VG_Ma_ar_203:g.57706:m.57706	452.63	240.37	NO	NO	
	Gene.40742::c10398_g1_i1_VG_Ma_ar_203:g.40742:m.40742	12.47	2.04	NO	NO	
	Gene.40753::c10398_g1_i3_VG_Ma_ar_203:g.40753:m.40753	12.47	2.04	NO	NO	
	Gene.40763::c10398_g1_i4_VG_Ma_ar_203:g.40763:m.40763	12.47	2.04	NO	NO	
	Gene.51637::c11263_g1_i1_VG_Ma_ar_203:g.51637:m.51637	4.84	2.57	NO	NO	

	Gene.22282::c8168_g1_i1_VG_Ma_ar_203:g.22282:m.22282	3.94	1.52	YES	NO
	Gene.33379::c9668_g1_i1_VG_Ma_ar_203:g.33379:m.33379	3.42	2.16	YES	NO
	Gene.29053::c9132_g1_i1_VG_Ma_ar_203:g.29053:m.29053	3.62	1.97	YES	NO
	Gene.24254::c8452_g1_i2_VG_Ma_ar_203:g.24254:m.24254	1.87	1.04	YES	NO
	Gene.17881::c7373_g1_i1_VG_Ma_ar_203:g.17881:m.17881	3.25	3.39	NO	NO
	Gene.40774::c10398_g1_i5_VG_Ma_ar_203:g.40774:m.40774	3.66	0.00	NO	NO
	Gene.1909::c1074_g1_i1_VG_Ma_ar_203:g.1909:m.1909	0.63	0.44	NO	NO
	Gene.108510::c41473_g1_i1_VG_Ma_ar_203:g.108510:m.108510	0.43	0.26	NO	NO
	Gene.125690::c59014_g1_i1_VG_Ma_ar_203:g.125690:m.125690	0.66	0.49	NO	NO
	Gene.80980::c13569_g1_i1_VG_Ma_ar_203:g.80980:m.80980	0.48	0.27	NO	NO
	Gene.101785::c34397_g1_i1_VG_Ma_ar_203:g.101785:m.101785	0.52	0.34	NO	NO
	Gene.106580::c39940_g1_i1_VG_Ma_ar_203:g.106580:m.106580	0.62	0.28	NO	NO
	Gene.109722::c42596_g1_i1_VG_Ma_ar_203:g.109722:m.109722	0.52	0.54	NO	NO
	Gene.80304::c13096_g1_i1_VG_Ma_ar_203:g.80304:m.80304	0.43	0.44	NO	NO
	Gene.99226::c32057_g1_i1_VG_Ma_ar_203:g.99226:m.99226	0.38	0.55	NO	NO
	Gene.445::c214_g1_i1_VG_Ma_ar_203:g.445:m.445	0.44	0.45	NO	NO
	Gene.100288::c32968_g1_i1_VG_Ma_ar_203:g.100288:m.100288	0.36	0.31	NO	NO
	Gene.98425::c31492_g1_i1_VG_Ma_ar_203:g.98425:m.98425	0.29	0.24	NO	NO
	Gene.109140::c42062_g1_i1_VG_Ma_ar_203:g.109140:m.109140	0.34	0.33	NO	NO
	Gene.83738::c15823_g1_i1_VG_Ma_ar_203:g.83738:m.83738	0.45	0.67	YES	NO
	Gene.85161::c17175_g1_i1_VG_Ma_ar_203:g.85161:m.85161	0.39	0.00	NO	NO
	Gene.87714::c20274_g1_i1_VG_Ma_ar_203:g.87714:m.87714	0.33	0.24	NO	NO
	Gene.116261::c49583_g1_i1_VG_Ma_ar_203:g.116261:m.116261	0.36	0.28	NO	NO
	Gene.93430::c25834_g1_i1_VG_Ma_ar_203:g.93430:m.93430	0.37	0.23	NO	NO
	Gene.90723::c23314_g1_i1_VG_Ma_ar_203:g.90723:m.90723	0.38	1.27	NO	NO
	Gene.120764::c54070_g1_i1_VG_Ma_ar_203:g.120764:m.120764	0.36	0.55	NO	NO
	Gene.84463::c16497_g1_i1_VG_Ma_ar_203:g.84463:m.84463	0.24	0.15	YES	NO
	Gene.128121::c61390_g1_i1_VG_Ma_ar_203:g.128121:m.128121	0.29	0.70	NO	NO
	Gene.2603::c1433_g1_i1_VG_Ma_ar_203:g.2603:m.2603	0.34	0.49	NO	NO
	Gene.94349::c26824_g1_i1_VG_Ma_ar_203:g.94349:m.94349	0.24	0.00	NO	NO
	Gene.87683::c20228_g1_i1_VG_Ma_ar_203:g.87683:m.87683	0.24	1.03	NO	NO
	Gene.88118::c20979_g1_i1_VG_Ma_ar_203:g.88118:m.88118	0.32	0.72	NO	NO
	Gene.108651::c41604_g1_i1_VG_Ma_ar_203:g.108651:m.108651	0.34	1.63	NO	NO
	Gene.115761::c49178_g1_i1_VG_Ma_ar_203:g.115761:m.115761	0.25	0.74	NO	NO
	Gene.127808::c61059_g1_i1_VG_Ma_ar_203:g.127808:m.127808	0.23	0.59	NO	NO
	Gene.95007::c27539_g1_i1_VG_Ma_ar_203:g.95007:m.95007	0.21	0.39	NO	NO
	Gene.102092::c34726_g1_i1_VG_Ma_ar_203:g.102092:m.102092	0.26	1.44	NO	NO
	Gene.115277::c48786_g1_i1_VG_Ma_ar_203:g.115277:m.115277	0.20	0.00	NO	NO
	Gene.82416::c14711_g1_i1_VG_Ma_ar_203:g.82416:m.82416	0.16	0.00	NO	NO
	Gene.87957::c20683_g1_i1_VG_Ma_ar_203:g.87957:m.87957	0.18	1.14	NO	NO
Peptidase M14	Gene.52743::c11342_g1_i2_VG_Ma_ar_203:g.52743:m.52743	27.97	11.42	YES	NO
	Gene.52731::c11342_g1_i1_VG_Ma_ar_203:g.52731:m.52731	26.33	1.78	YES	NO
	Gene.18855::c7548_g1_i1_VG_Ma_ar_203:g.18855:m.18855	2.07	0.96	YES	NO
	Gene.81848::c14254_g1_i1_VG_Ma_ar_203:g.81848:m.81848	0.46	0.23	NO	NO
	Gene.83718::c15804_g1_i1_VG_Ma_ar_203:g.83718:m.83718	0.40	0.12	NO	NO
	Gene.107924::c40989_g1_i1_VG_Ma_ar_203:g.107924:m.107924	0.82	1.65	NO	NO
	Gene.92348::c24751_g1_i1_VG_Ma_ar_203:g.92348:m.92348	0.43	0.62	NO	NO
	Gene.117224::c50433_g1_i1_VG_Ma_ar_203:g.117224:m.117224	0.32	0.65	NO	NO
	Gene.103088::c35760_g1_i1_VG_Ma_ar_203:g.103088:m.103088	0.46	1.53	NO	NO
	Gene.100884::c33514_g1_i1_VG_Ma_ar_203:g.100884:m.100884	0.33	1.40	NO	NO
	Gene.95347::c27944_g1_i1_VG_Ma_ar_203:g.95347:m.95347	0.34	0.00	NO	NO
	Gene.111775::c44732_g1_i1_VG_Ma_ar_203:g.111775:m.111775	0.26	0.77	NO	NO
	Gene.129656::c63102_g1_i1_VG_Ma_ar_203:g.129656:m.129656	0.23	0.00	NO	NO
Peptidase S10	Gene.43100::c10605_g1_i1_VG_Ma_ar_203:g.43100:m.43100	44.04	21.15	YES	NO
	Gene.127482::c60736_g1_i1_VG_Ma_ar_203:g.127482:m.127482	0.85	0.43	NO	NO
	Gene.91327::c23808_g1_i1_VG_Ma_ar_203:g.91327:m.91327	0.22	0.89	NO	NO
Peptidase S1	Gene.24008::c8418_g1_i1_VG_Ma_ar_203:g.24008:m.24008	25032.39	14354.20	YES	YES
	Gene.49420::c11103_g1_i1_VG_Ma_ar_203:g.49420:m.49420	9902.62	7107.75	YES	YES
	Gene.21993::c8116_g1_i1_VG_Ma_ar_203:g.21993:m.21993	7318.34	4550.38	YES	YES
	Gene.20901::c7927_g1_i1_VG_Ma_ar_203:g.20901:m.20901	7824.18	4699.38	NO	NO
	Gene.30642::c9342_g1_i1_VG_Ma_ar_203:g.30642:m.30642	1077.82	520.44	YES	NO
	Gene.33669::c9700_g1_i1_VG_Ma_ar_203:g.33669:m.33669	1347.46	992.35	YES	NO
	Gene.34279::c9773_g1_i1_VG_Ma_ar_203:g.34279:m.34279	952.75	436.57	YES	YES
	Gene.34284::c9773_g1_i2_VG_Ma_ar_203:g.34284:m.34284	865.63	165.88	YES	YES
	Gene.3304::c1909_g1_i1_VG_Ma_ar_203:g.3304:m.3304	825.20	688.64	NO	NO
	Gene.7767::c4486_g1_i1_VG_Ma_ar_203:g.7767:m.7767	198.47	109.06	NO	NO
	Gene.29134::c9144_g1_i1_VG_Ma_ar_203:g.29134:m.29134	150.01	77.21	YES	NO
	Gene.29140::c9144_g1_i2_VG_Ma_ar_203:g.29140:m.29140	146.09	43.37	YES	NO
	Gene.18172::c7426_g1_i1_VG_Ma_ar_203:g.18172:m.18172	98.78	69.23	NO	NO
	Gene.32804::c9593_g1_i2_VG_Ma_ar_203:g.32804:m.32804	40.47	24.90	NO	NO
	Gene.53083::c11368_g1_i1_VG_Ma_ar_203:g.53083:m.53083	16.84	3.47	NO	NO
	Gene.44359::c10710_g1_i1_VG_Ma_ar_203:g.44359:m.44359	15.79	8.02	YES	NO
	Gene.37774::c10097_g1_i1_VG_Ma_ar_203:g.37774:m.37774	18.47	10.14	YES	NO
	Gene.53088::c11368_g1_i2_VG_Ma_ar_203:g.53088:m.53088	31.94	17.91	NO	NO
	Gene.17508::c7298_g1_i1_VG_Ma_ar_203:g.17508:m.17508	15.82	8.79	YES	NO
	Gene.21994::c8116_g1_i1_VG_Ma_ar_203:g.21994:m.21994	15.71	9.10	YES	NO
	Gene.44363::c10710_g1_i2_VG_Ma_ar_203:g.44363:m.44363	9.81	5.18	YES	NO
	Gene.71236::c12373_g1_i1_VG_Ma_ar_203:g.71236:m.71236	7.72	2.43	NO	NO
	Gene.71239::c12373_g1_i2_VG_Ma_ar_203:g.71239:m.71239	7.78	1.90	NO	NO
	Gene.116699::c49966_g1_i1_VG_Ma_ar_203:g.116699:m.116699	8.83	4.12	NO	NO
	Gene.1514::c880_g1_i1_VG_Ma_ar_203:g.1514:m.1514	8.89	4.27	YES	NO
	Gene.17550::c7307_g1_i1_VG_Ma_ar_203:g.17550:m.17550	6.25	3.41	NO	NO
	Gene.53087::c11368_g1_i2_VG_Ma_ar_203:g.53087:m.53087	7.75	1.98	NO	NO
	Gene.25395::c8629_g1_i1_VG_Ma_ar_203:g.25395:m.25395	5.37	1.68	YES	NO
	Gene.25397::c8629_g1_i2_VG_Ma_ar_203:g.25397:m.25397	5.37	1.68	YES	NO
	Gene.81088::c13558_g1_i1_VG_Ma_ar_203:g.81088:m.81088	4.82	2.77	YES	NO
	Gene.23988::c8416_g1_i1_VG_Ma_ar_203:g.23988:m.23988	3.17	1.33	YES	NO
	Gene.36312::c9972_g1_i2_VG_Ma_ar_203:g.36312:m.36312	2.53	1.15	YES	NO
	Gene.7233::c4273_g1_i1_VG_Ma_ar_203:g.7233:m.7233	4.75	2.55	YES	NO
	Gene.32896::c9607_g1_i1_VG_Ma_ar_203:g.32896:m.32896	4.77	2.58	YES	NO
	Gene.37977::c10118_g1_i1_VG_Ma_ar_203:g.37977:m.37977	2.79	1.47	YES	NO
	Gene.36304::c9972_g1_i1_VG_Ma_ar_203:g.36304:m.36304	2.13	0.89	YES	NO
	Gene.99340::c32155_g1_i1_VG_Ma_ar_203:g.99340:m.99340	3.59	1.71	YES	NO
	Gene.19467::c7663_g1_i1_VG_Ma_ar_203:g.19467:m.19467	3.28	1.75	YES	NO
	Gene.20757::c7898_g1_i1_VG_Ma_ar_203:g.20757:m.20757	2.42	1.21	YES	NO
	Gene.538::c263_g1_i1_VG_Ma_ar_203:g.538:m.538	2.32	1.14	YES	NO
	Gene.22476::c8197_g1_i1_VG_Ma_ar_203:g.22476:m.22476	1.65	0.85	YES	NO
	Gene.97292::c30654_g1_i1_VG_Ma_ar_203:g.97292:m.97292	1.64	0.97	YES	NO
	Gene.8754::c4799_g1_i1_VG_Ma_ar_203:g.8754:m.8754	2.01	1.08	NO	NO
	Gene.14070::c6525_g1_i1_VG_Ma_ar_203:g.14070:m.14070	1.04	0.48	NO	NO
	Gene.91176::c23679_g1_i1_VG_Ma_ar_203:g.91176:m.91176	1.81	0.94	NO	NO
	Gene.14390::c6616_g1_i1_VG_Ma_ar_203:g.14390:m.14390	2.14	1.15	YES	NO
	Gene.3939::c2275_g1_i1_VG_Ma_ar_203:g.3939:m.3939	2.24	1.18	YES	NO
	Gene.122596::c56668_g1_i1_VG_Ma_ar_203:g.122596:m.122596	1.35	0.55	NO	NO
	Gene.9132::c4934_g1_i1_VG_Ma_ar_203:g.9132:m.9132	0.96	0.57	YES	NO
	Gene.21425::c8027_g1_i1_VG_Ma_ar_203:g.21425:m.21425	1.74	0.97	NO	NO
	Gene.6600::c3929_g1_i1_VG_Ma_ar_203:g.6600:m.6600	9.82	22.37	NO	NO
	Gene.11041::c5590_g1_i1_VG_Ma_ar_203:g.11041:m.11041	1.06	0.57	NO	NO
	Gene.15847::c6958_g2_i1_VG_Ma_ar_203:g.15847:m.15847	0.75	0.47	NO	NO
	Gene.92146::c24578_g1_i1_VG_Ma_ar_203:g.92146:m.92146	1.70	0.89	YES	NO
	Gene.22189::c8146_g2_i1_VG_Ma_ar_203:g.22189:m.22189	0.94	0.62	YES	NO
	Gene.98141::c31272_g1_i1_VG_Ma_ar_203:g.98141:m.98141	5.11	2.60	NO	NO
	Gene.13246::c6310_g1_i1_VG_Ma_ar_203:g.13246:m.13246	1.17	0.73	YES	NO
	Gene.5139::c3031_g1_i1_VG_Ma_ar_203:g.5139:m.5139	5.72	20.59	NO	NO
	Gene.6912::c4142_g1_i1_VG_Ma_ar_203:g.6912:m.6912	1.36	0.90	NO	NO
	Gene.8769::c4803_g1_i1_VG_Ma_ar_203:g.8769:m.8769	1.03	0.53	YES	NO
	Gene.7924::c4528_g1_i1_VG_Ma_ar_203:g.7924:m.7924	0.88	0.54	YES	NO
	Gene.116522::c49813_g1_i1_VG_Ma_ar_203:g.116522:m.116522	4.08	5.72	NO	NO
	Gene.6224::c3683_g1_i1_VG_Ma_ar_203:g.6224:m.6224	0.88	0.52	NO	NO
	Gene.116123::c49487_g1_i1_VG_Ma_ar_203:g.116123:m.116123	0.98	0.41	NO	NO
	Gene.122761::c56769_g1_i1_VG_Ma_ar_203:g.122761:m.122761	1.24	0.54	NO	NO
	Gene.101437::c34050_g1_i1_VG_Ma_ar_203:g.101437:m.101437	3.72	6.69	NO	NO
	Gene.81316::c13819_g1_i1_VG_Ma_ar_203:g.81316:m.81316	0.65	0.28	YES	NO

excluded

	Gene.125982:c59271_g1_i1_VG_Ma_ar_203:g.125982:m.125982	0.84	0.57	NO	NO
	Gene.88318:c21487_g1_i1_VG_Ma_ar_203:g.88318:m.88318	0.56	0.32	NO	NO
	Gene.10160:c5290_g1_i1_VG_Ma_ar_203:g.10160:m.10160	1.24	0.85	YES	NO
	Gene.4502:c2602_g1_i1_VG_Ma_ar_203:g.4502:m.4502	0.72	0.49	NO	NO
	Gene.6015:c3551_g1_i1_VG_Ma_ar_203:g.6015:m.6015	0.87	0.69	NO	NO
	Gene.755:c396_g1_i1_VG_Ma_ar_203:g.755:m.755	0.71	0.39	NO	NO
	Gene.2552:c1411_g1_i1_VG_Ma_ar_203:g.2552:m.2552	2.10	4.34	NO	NO
	Gene.85705:c17813_g1_i1_VG_Ma_ar_203:g.85705:m.85705	0.59	0.40	NO	NO
	Gene.116244:c49574_g1_i1_VG_Ma_ar_203:g.116244:m.116244	0.53	0.32	NO	NO
	Gene.80001:c12877_g1_i1_VG_Ma_ar_203:g.80001:m.80001	0.65	0.33	NO	NO
	Gene.98436:c31498_g1_i1_VG_Ma_ar_203:g.98436:m.98436	0.69	0.48	YES	NO
	Gene.90704:c23301_g1_i1_VG_Ma_ar_203:g.90704:m.90704	0.51	0.41	YES	NO
	Gene.97836:c31040_g1_i1_VG_Ma_ar_203:g.97836:m.97836	0.63	0.23	YES	NO
	Gene.4090:c2349_g1_i1_VG_Ma_ar_203:g.4090:m.4090	0.52	0.23	NO	NO
	Gene.88372:c21520_g1_i1_VG_Ma_ar_203:g.88372:m.88372	0.62	0.33	NO	NO
	Gene.113947:c47808_g1_i1_VG_Ma_ar_203:g.113947:m.113947	0.43	0.21	NO	NO
	Gene.101927:c34537_g1_i1_VG_Ma_ar_203:g.101927:m.101927	0.64	0.46	NO	NO
	Gene.126156:c59434_g1_i1_VG_Ma_ar_203:g.126156:m.126156	0.60	0.30	NO	NO
	Gene.84248:c16302_g1_i1_VG_Ma_ar_203:g.84248:m.84248	0.71	0.96	NO	NO
	Gene.98247:c31355_g1_i1_VG_Ma_ar_203:g.98247:m.98247	0.63	0.51	NO	NO
	Gene.100276:c32961_g1_i1_VG_Ma_ar_203:g.100276:m.100276	0.46	0.40	NO	NO
	Gene.98055:c31202_g1_i1_VG_Ma_ar_203:g.98055:m.98055	0.54	0.15	NO	NO
	Gene.83612:c15705_g1_i1_VG_Ma_ar_203:g.83612:m.83612	0.85	0.98	NO	NO
	Gene.3531:c2042_g1_i1_VG_Ma_ar_203:g.3531:m.3531	0.64	0.44	NO	NO
	Gene.82679:c14914_g1_i1_VG_Ma_ar_203:g.82679:m.82679	0.71	0.89	NO	NO
	Gene.102365:c35010_g1_i1_VG_Ma_ar_203:g.102365:m.102365	0.37	0.37	NO	NO
	Gene.107008:c40267_g1_i1_VG_Ma_ar_203:g.107008:m.107008	0.32	0.17	NO	NO
	Gene.122754:c56765_g1_i1_VG_Ma_ar_203:g.122754:m.122754	0.40	0.18	NO	NO
	Gene.127849:c61095_g1_i1_VG_Ma_ar_203:g.127849:m.127849	1.38	2.58	NO	NO
	Gene.107855:c40935_g1_i1_VG_Ma_ar_203:g.107855:m.107855	0.22	0.57	NO	NO
	Gene.127108:c60352_g1_i1_VG_Ma_ar_203:g.127108:m.127108	0.36	0.24	NO	NO
	Gene.6255:c3702_g1_i1_VG_Ma_ar_203:g.6255:m.6255	0.50	0.41	YES	NO
	Gene.126776:c60034_g1_i1_VG_Ma_ar_203:g.126776:m.126776	0.40	0.08	NO	NO
	Gene.82630:c14875_g1_i1_VG_Ma_ar_203:g.82630:m.82630	0.40	0.26	NO	NO
	Gene.84907:c16942_g1_i1_VG_Ma_ar_203:g.84907:m.84907	0.81	0.89	NO	NO
	Gene.92213:c24641_g1_i1_VG_Ma_ar_203:g.92213:m.92213	0.41	0.11	NO	NO
	Gene.102076:c34713_g1_i1_VG_Ma_ar_203:g.102076:m.102076	0.25	0.15	NO	NO
	Gene.103792:c36616_g1_i1_VG_Ma_ar_203:g.103792:m.103792	0.62	1.09	NO	NO
	Gene.81272:c13783_g1_i1_VG_Ma_ar_203:g.81272:m.81272	0.40	0.38	NO	NO
	Gene.92884:c25269_g1_i1_VG_Ma_ar_203:g.92884:m.92884	0.43	0.68	NO	NO
	Gene.114971:c48537_g1_i1_VG_Ma_ar_203:g.114971:m.114971	0.28	0.23	NO	NO
	Gene.23995:c8416_g1_i2_VG_Ma_ar_203:g.23995:m.23995	0.57	1.27	NO	NO
	Gene.82895:c15084_g1_i1_VG_Ma_ar_203:g.82895:m.82895	0.37	0.30	NO	NO
	Gene.117793:c50956_g1_i1_VG_Ma_ar_203:g.117793:m.117793	0.38	0.64	NO	NO
	Gene.119272:c52333_g1_i1_VG_Ma_ar_203:g.119272:m.119272	0.50	0.57	NO	NO
	Gene.127058:c60300_g1_i1_VG_Ma_ar_203:g.127058:m.127058	0.59	1.28	NO	NO
	Gene.127642:c60904_g1_i1_VG_Ma_ar_203:g.127642:m.127642	0.32	0.55	NO	NO
	Gene.89519:c22345_g1_i1_VG_Ma_ar_203:g.89519:m.89519	0.67	3.25	NO	NO
	Gene.10145:c5286_g1_i1_VG_Ma_ar_203:g.10145:m.10145	0.42	0.46	NO	NO
	Gene.124973:c58410_g1_i1_VG_Ma_ar_203:g.124973:m.124973	0.35	0.32	NO	NO
	Gene.125260:c58648_g1_i1_VG_Ma_ar_203:g.125260:m.125260	0.27	0.20	NO	NO
	Gene.127264:c60506_g1_i1_VG_Ma_ar_203:g.127264:m.127264	0.33	0.58	NO	NO
	Gene.85545:c17639_g1_i1_VG_Ma_ar_203:g.85545:m.85545	0.33	0.34	NO	NO
	Gene.94386:c26866_g1_i1_VG_Ma_ar_203:g.94386:m.94386	0.28	0.13	NO	NO
	Gene.10147:c5286_g1_i2_VG_Ma_ar_203:g.10147:m.10147	0.40	0.00	NO	NO
	Gene.129156:c62487_g1_i1_VG_Ma_ar_203:g.129156:m.129156	0.37	0.90	NO	NO
	Gene.85319:c17347_g1_i1_VG_Ma_ar_203:g.85319:m.85319	0.25	0.16	NO	NO
	Gene.90725:c23316_g1_i1_VG_Ma_ar_203:g.90725:m.90725	0.30	0.49	NO	NO
	Gene.90963:c23496_g1_i1_VG_Ma_ar_203:g.90963:m.90963	0.22	0.13	NO	NO
	Gene.94004:c26439_g1_i1_VG_Ma_ar_203:g.94004:m.94004	0.33	0.31	NO	NO
	Gene.116568:c49850_g1_i1_VG_Ma_ar_203:g.116568:m.116568	0.30	0.24	NO	NO
	Gene.117319:c50511_g1_i1_VG_Ma_ar_203:g.117319:m.117319	0.29	0.23	NO	NO
	Gene.128023:c61288_g1_i1_VG_Ma_ar_203:g.128023:m.128023	0.28	0.22	NO	NO
	Gene.79698:c12688_g1_i1_VG_Ma_ar_203:g.79698:m.79698	0.40	1.53	NO	NO
	Gene.80394:c13162_g1_i1_VG_Ma_ar_203:g.80394:m.80394	0.28	0.31	NO	NO
	Gene.100636:c33280_g1_i1_VG_Ma_ar_203:g.100636:m.100636	0.36	1.14	NO	NO
	Gene.104598:c37672_g1_i1_VG_Ma_ar_203:g.104598:m.104598	0.24	0.00	NO	NO
	Gene.118623:c51716_g1_i1_VG_Ma_ar_203:g.118623:m.118623	0.27	0.28	NO	NO
	Gene.119693:c52830_g1_i1_VG_Ma_ar_203:g.119693:m.119693	0.26	0.26	NO	NO
	Gene.119868:c53006_g1_i1_VG_Ma_ar_203:g.119868:m.119868	0.34	0.49	NO	NO
	Gene.122243:c56194_g1_i1_VG_Ma_ar_203:g.122243:m.122243	0.29	0.33	NO	NO
	Gene.81607:c14081_g1_i1_VG_Ma_ar_203:g.81607:m.81607	0.34	0.86	NO	NO
	Gene.83981:c16046_g1_i1_VG_Ma_ar_203:g.83981:m.83981	0.23	0.57	NO	NO
	Gene.84182:c16242_g1_i1_VG_Ma_ar_203:g.84182:m.84182	0.31	0.00	NO	NO
	Gene.95234:c27797_g1_i1_VG_Ma_ar_203:g.95234:m.95234	0.25	0.00	NO	NO
	Gene.95765:c28492_g1_i1_VG_Ma_ar_203:g.95765:m.95765	0.26	0.36	NO	NO
	Gene.97768:c30999_g1_i1_VG_Ma_ar_203:g.97768:m.97768	0.25	0.74	NO	NO
	Gene.98698:c31670_g1_i1_VG_Ma_ar_203:g.98698:m.98698	0.32	0.72	NO	NO
	Gene.100200:c32892_g1_i1_VG_Ma_ar_203:g.100200:m.100200	0.25	0.00	NO	NO
	Gene.103757:c36570_g1_i1_VG_Ma_ar_203:g.103757:m.103757	0.23	0.00	NO	NO
	Gene.109919:c42775_g1_i1_VG_Ma_ar_203:g.109919:m.109919	0.38	1.13	NO	NO
	Gene.128811:c62095_g1_i1_VG_Ma_ar_203:g.128811:m.128811	0.18	0.50	NO	NO
	Gene.81540:c14028_g1_i1_VG_Ma_ar_203:g.81540:m.81540	0.22	0.00	NO	NO
	Gene.85795:c17908_g1_i1_VG_Ma_ar_203:g.85795:m.85795	0.21	0.81	NO	NO
	Gene.86524:c18724_g1_i1_VG_Ma_ar_203:g.86524:m.86524	0.21	1.28	NO	NO
	Gene.88192:c21109_g1_i1_VG_Ma_ar_203:g.88192:m.88192	0.20	0.00	NO	NO
	Gene.89496:c22320_g1_i1_VG_Ma_ar_203:g.89496:m.89496	0.20	1.49	NO	NO
	Gene.92122:c24551_g1_i1_VG_Ma_ar_203:g.92122:m.92122	0.22	0.47	NO	NO
	Gene.93718:c26142_g1_i1_VG_Ma_ar_203:g.93718:m.93718	0.25	0.64	NO	NO
	Gene.101065:c33690_g1_i1_VG_Ma_ar_203:g.101065:m.101065	0.24	0.57	NO	NO
	Gene.6747:c4040_g1_i1_VG_Ma_ar_203:g.6747:m.6747	0.28	2.68	NO	NO
	Gene.114083:c47904_g1_i1_VG_Ma_ar_203:g.114083:m.114083	0.22	0.45	NO	NO
	Gene.121360:c54863_g1_i1_VG_Ma_ar_203:g.121360:m.121360	0.21	0.81	NO	NO
	Gene.127033:c60277_g1_i1_VG_Ma_ar_203:g.127033:m.127033	0.18	0.30	NO	NO
	Gene.82482:c14760_g1_i1_VG_Ma_ar_203:g.82482:m.82482	0.19	1.44	NO	NO
	Gene.88238:c21245_g1_i1_VG_Ma_ar_203:g.88238:m.88238	0.22	0.00	NO	NO
	Gene.90479:c23111_g1_i1_VG_Ma_ar_203:g.90479:m.90479	0.19	0.64	NO	NO
	Gene.91730:c24177_g1_i1_VG_Ma_ar_203:g.91730:m.91730	0.17	0.47	NO	NO
	Gene.96477:c29502_g1_i1_VG_Ma_ar_203:g.96477:m.96477	0.22	1.97	NO	NO
	Gene.98130:c31261_g1_i1_VG_Ma_ar_203:g.98130:m.98130	0.19	1.44	NO	NO
	Gene.99927:c32658_g1_i1_VG_Ma_ar_203:g.99927:m.99927	0.19	2.04	NO	NO
	Gene.104939:c38178_g1_i1_VG_Ma_ar_203:g.104939:m.104939	0.22	0.00	NO	NO
	Gene.112721:c45833_g1_i1_VG_Ma_ar_203:g.112721:m.112721	0.23	0.00	NO	NO
	Gene.112810:c45948_g1_i1_VG_Ma_ar_203:g.112810:m.112810	0.22	1.05	NO	NO
	Gene.113872:c47717_g1_i1_VG_Ma_ar_203:g.113872:m.113872	0.19	0.68	NO	NO
	Gene.114903:c48480_g1_i1_VG_Ma_ar_203:g.114903:m.114903	0.14	0.30	NO	NO
	Gene.119340:c52418_g1_i1_VG_Ma_ar_203:g.119340:m.119340	0.21	0.00	NO	NO
	Gene.85145:c17162_g1_i1_VG_Ma_ar_203:g.85145:m.85145	0.13	1.44	NO	NO
	Gene.89608:c22421_g1_i1_VG_Ma_ar_203:g.89608:m.89608	0.16	0.00	NO	NO
	Gene.101242:c33866_g1_i1_VG_Ma_ar_203:g.101242:m.101242	0.15	0.00	NO	NO
	Gene.107595:c40730_g1_i1_VG_Ma_ar_203:g.107595:m.107595	0.12	0.00	NO	NO
	Gene.116541:c49827_g1_i1_VG_Ma_ar_203:g.116541:m.116541	0.12	0.61	NO	NO
Phospholipase A2	Gene.22371:c8182_g2_i1_VG_Ma_ar_203:g.22371:m.22371	2615.27	1738.45	YES	YES
	Gene.25984:c8719_g1_i2_VG_Ma_ar_203:g.25984:m.25984	10.47	5.93	NO	NO
	Gene.25982:c8719_g1_i1_VG_Ma_ar_203:g.25982:m.25982	9.67	5.41	NO	NO
	Gene.23736:c8388_g1_i2_VG_Ma_ar_203:g.23736:m.23736	3.42	1.80	YES	NO
	Gene.1785:c1013_g1_i1_VG_Ma_ar_203:g.1785:m.1785	2.10	1.32	NO	NO
	Gene.22370:c8182_g2_i1_VG_Ma_ar_203:g.22370:m.22370	1.81	1.38	YES	NO
	Gene.111469:c44364_g1_i1_VG_Ma_ar_203:g.111469:m.111469	0.37	0.64	NO	NO
Pimplin	Gene.6389:c3792_g1_i1_VG_Ma_ar_203:g.6389:m.6389	0.72	0.24	NO	NO
Serpin	Gene.39303:c10250_g1_i1_VG_Ma_ar_203:g.39303:m.39303	12293.05	6538.48	YES	NO
	Gene.23038:c8283_g1_i1_VG_Ma_ar_203:g.23038:m.23038	265.44	112.04	YES	NO
	Gene.23042:c8283_g1_i2_VG_Ma_ar_203:g.23042:m.23042	255.92	26.67	YES	NO

	Gene.18821::c7540_g1_i1_VG_Ma_ar_203:g.18821:m.18821	154.52	82.76	YES	NO	
	Gene.88604::c21663_g1_i1_VG_Ma_ar_203:g.88604:m.88604	1046.99	5398.06	NO	NO	
	Gene.39631::c10286_g1_i1_VG_Ma_ar_203:g.39631:m.39631	50.23	25.82	YES	NO	
	Gene.36691::c10004_g1_i2_VG_Ma_ar_203:g.36691:m.36691	33.09	15.63	NO	NO	
	Gene.36685::c10004_g1_i1_VG_Ma_ar_203:g.36685:m.36685	32.48	2.24	YES	NO	
	Gene.36698::c10004_g1_i3_VG_Ma_ar_203:g.36698:m.36698	31.26	0.38	NO	NO	
	Gene.25783::c8691_g1_i2_VG_Ma_ar_203:g.25783:m.25783	8.73	4.38	YES	NO	
	Gene.25787::c8691_g1_i3_VG_Ma_ar_203:g.25787:m.25787	8.60	0.34	YES	NO	
	Gene.28746::c9089_g1_i2_VG_Ma_ar_203:g.28746:m.28746	2.41	1.34	YES	NO	
	Gene.41224::c10441_g1_i1_VG_Ma_ar_203:g.41224:m.41224	4.10	2.28	YES	NO	
	Gene.18923::c7561_g1_i1_VG_Ma_ar_203:g.18923:m.18923	26.97	52.57	NO	NO	
	Gene.16482::c7092_g1_i1_VG_Ma_ar_203:g.16482:m.16482	3.49	1.90	YES	NO	
	Gene.49092::c11076_g1_i2_VG_Ma_ar_203:g.49092:m.49092	3.15	1.98	YES	NO	
	Gene.41230::c10441_g1_i2_VG_Ma_ar_203:g.41230:m.41230	3.34	1.44	NO	NO	
	Gene.94719::c27227_g1_i1_VG_Ma_ar_203:g.94719:m.94719	10.66	9.83	NO	NO	
	Gene.87312::c19725_g1_i1_VG_Ma_ar_203:g.87312:m.87312	10.90	8.61	NO	NO	
	Gene.8468::c4703_g2_i1_VG_Ma_ar_203:g.8468:m.8468	1.36	0.48	NO	NO	
	Gene.100456::c33123_g1_i1_VG_Ma_ar_203:g.100456:m.100456	9.71	4.53	NO	NO	
	Gene.25790::c8691_g1_i4_VG_Ma_ar_203:g.25790:m.25790	6.18	1.07	NO	NO	
	Gene.117760::c50918_g1_i1_VG_Ma_ar_203:g.117760:m.117760	6.13	29.83	NO	NO	
	Gene.7457::c4377_g1_i1_VG_Ma_ar_203:g.7457:m.7457	0.74	0.48	NO	NO	
	Gene.114524::c48202_g1_i1_VG_Ma_ar_203:g.114524:m.114524	4.12	2.06	NO	NO	
	Gene.15331::c6833_g1_i2_VG_Ma_ar_203:g.15331:m.15331	4.29	10.83	NO	NO	
	Gene.18925::c7561_g1_i2_VG_Ma_ar_203:g.18925:m.18925	3.50	5.42	NO	NO	
	Gene.11985::c5955_g1_i1_VG_Ma_ar_203:g.11985:m.11985	1.99	0.42	NO	NO	
	Gene.11987::c5955_g1_i2_VG_Ma_ar_203:g.11987:m.11987	2.35	5.24	NO	NO	
	Gene.108067::c41091_g1_i1_VG_Ma_ar_203:g.108067:m.108067	0.61	0.30	NO	NO	
	Gene.124771::c58257_g1_i1_VG_Ma_ar_203:g.124771:m.124771	0.45	0.26	NO	NO	
	Gene.2018::c1155_g1_i2_VG_Ma_ar_203:g.2018:m.2018	0.60	0.43	NO	NO	
	Gene.2916::c1661_g1_i1_VG_Ma_ar_203:g.2916:m.2916	2.47	4.07	NO	NO	
	Gene.2917::c1661_g1_i2_VG_Ma_ar_203:g.2917:m.2917	2.47	4.07	NO	NO	
	Gene.2019::c1155_g2_i1_VG_Ma_ar_203:g.2019:m.2019	0.81	0.48	NO	NO	
	Gene.96020::c28833_g1_i1_VG_Ma_ar_203:g.96020:m.96020	2.04	1.63	NO	NO	
	Gene.12363::c6050_g1_i1_VG_Ma_ar_203:g.12363:m.12363	0.85	1.05	NO	NO	
	Gene.123904::c57601_g1_i1_VG_Ma_ar_203:g.123904:m.123904	1.77	6.78	NO	NO	
	Gene.15332::c6833_g1_i3_VG_Ma_ar_203:g.15332:m.15332	1.33	5.43	NO	NO	
	Gene.4413::c2527_g1_i1_VG_Ma_ar_203:g.4413:m.4413	1.24	3.21	NO	NO	
	Gene.4415::c2527_g1_i2_VG_Ma_ar_203:g.4415:m.4415	1.24	3.21	NO	NO	
	Gene.110485::c43311_g1_i1_VG_Ma_ar_203:g.110485:m.110485	0.49	0.24	NO	NO	
	Gene.124519::c58058_g1_i1_VG_Ma_ar_203:g.124519:m.124519	0.63	0.64	NO	NO	
	Gene.81525::c14017_g1_i1_VG_Ma_ar_203:g.81525:m.81525	0.43	0.38	NO	NO	
	Gene.129254::c62591_g1_i1_VG_Ma_ar_203:g.129254:m.129254	0.39	0.41	NO	NO	
	Gene.6478::c3845_g1_i1_VG_Ma_ar_203:g.6478:m.6478	0.84	2.89	NO	NO	
	Gene.858::c465_g1_i1_VG_Ma_ar_203:g.858:m.858	0.81	1.93	NO	NO	
	Gene.860::c465_g1_i2_VG_Ma_ar_203:g.860:m.860	0.62	0.00	NO	NO	
	Gene.104715::c37844_g1_i1_VG_Ma_ar_203:g.104715:m.104715	0.32	0.56	NO	NO	
	Gene.2017::c1155_g1_i1_VG_Ma_ar_203:g.2017:m.2017	0.37	0.00	NO	NO	
	Gene.104253::c37223_g1_i1_VG_Ma_ar_203:g.104253:m.104253	0.26	0.18	NO	NO	
	Gene.111990::c44958_g1_i1_VG_Ma_ar_203:g.111990:m.111990	0.42	2.28	NO	NO	
	Gene.99484::c32288_g1_i1_VG_Ma_ar_203:g.99484:m.99484	0.38	3.39	NO	NO	
	Gene.124790::c58277_g1_i1_VG_Ma_ar_203:g.124790:m.124790	0.28	0.61	NO	NO	
	Gene.36686::c10004_g1_i1_VG_Ma_ar_203:g.36686:m.36686	0.26	0.41	NO	NO	
	Gene.36692::c10004_g1_i2_VG_Ma_ar_203:g.36692:m.36692	0.26	0.41	NO	NO	
	Gene.111536::c44438_g1_i1_VG_Ma_ar_203:g.111536:m.111536	0.24	0.95	NO	NO	
	Gene.12562::c6112_g1_i1_VG_Ma_ar_203:g.12562:m.12562	0.36	1.97	NO	NO	
	Gene.112407::c45435_g1_i1_VG_Ma_ar_203:g.112407:m.112407	0.28	0.86	NO	NO	
	Gene.113559::c47092_g1_i1_VG_Ma_ar_203:g.113559:m.113559	0.28	1.85	NO	NO	
	Gene.130598::c64471_g1_i1_VG_Ma_ar_203:g.130598:m.130598	0.25	1.36	NO	NO	
	Gene.101633::c34223_g1_i1_VG_Ma_ar_203:g.101633:m.101633	0.21	0.86	NO	NO	
	Gene.118107::c51243_g1_i1_VG_Ma_ar_203:g.118107:m.118107	0.19	1.28	NO	NO	
	Gene.82452::c14732_g1_i1_VG_Ma_ar_203:g.82452:m.82452	0.15	1.05	NO	NO	
Sphingomyelinase	Gene.49297::c11093_g3_i1_VG_Ma_ar_203:g.49297:m.49297	7.52	1.74	YES	NO	
	Gene.49308::c11093_g3_i2_VG_Ma_ar_203:g.49308:m.49308	7.52	1.74	YES	NO	
	Gene.19930::c7750_g1_i1_VG_Ma_ar_203:g.19930:m.19930	1.94	1.11	YES	NO	
	Gene.97096::c30520_g1_i1_VG_Ma_ar_203:g.97096:m.97096	0.25	0.00	NO	NO	
	Gene.80725::c13388_g1_i1_VG_Ma_ar_203:g.80725:m.80725	0.17	0.00	NO	NO	
	Gene.127133::c60379_g1_i1_VG_Ma_ar_203:g.127133:m.127133	0.20	1.53	NO	NO	
SVWC-domain 1 (Asilidin8)	Gene.10561::c5412_g1_i1_VG_Ma_ar_203:g.10561:m.10561	5892.41	5055.18	YES	YES	U-Asilidin8-Mar1a
	Gene.1996::c1145_g1_i1_VG_Ma_ar_203:g.1996:m.1996	5.59	5.13	YES	NO	
	Gene.6951::c4164_g1_i1_VG_Ma_ar_203:g.6951:m.6951	2.13	1.62	YES	NO	
SVWC-domain 2 (Asilidin9)	Gene.19409::c7651_g1_i1_VG_Ma_ar_203:g.19409:m.19409	9419.14	9288.18	YES	YES	U-Asilidin9-Mar1a
	Gene.1624::c925_g1_i1_VG_Ma_ar_203:g.1624:m.1624	1.32	1.03	YES	NO	
Venom acid phosphatase-like	Gene.47513::c10949_g2_i2_VG_Ma_ar_203:g.47513:m.47513	1923.41	796.97	YES	YES	
	Gene.47507::c10949_g2_i1_VG_Ma_ar_203:g.47507:m.47507	1026.94	479.11	YES	YES	
	Gene.47502::c10949_g1_i1_VG_Ma_ar_203:g.47502:m.47502	26.87	12.41	NO	NO	
	Gene.51883::c11286_g1_i1_VG_Ma_ar_203:g.51883:m.51883	11.20	3.07	NO	NO	
	Gene.51890::c11286_g1_i2_VG_Ma_ar_203:g.51890:m.51890	11.20	3.07	NO	NO	
	Gene.51898::c11286_g1_i3_VG_Ma_ar_203:g.51898:m.51898	10.66	0.00	NO	NO	
	Gene.23092::c8291_g1_i1_VG_Ma_ar_203:g.23092:m.23092	11.66	5.82	NO	NO	
	Gene.57502::c11663_g2_i1_VG_Ma_ar_203:g.57502:m.57502	6.18	3.20	YES	NO	
	Gene.21344::c8010_g1_i1_VG_Ma_ar_203:g.21344:m.21344	9.09	6.00	NO	NO	
	Gene.5599::c3273_g1_i1_VG_Ma_ar_203:g.5599:m.5599	5.38	13.57	NO	NO	