Query	Hit type	PSSM-ID	From	To	E-Value	Bitscore	Accession	Short name	Incomplete	Superfamily
Q#1 - >Pavir.2KG392400.1.p	superfamily	390048	27	500	5.23E-169	484.516	cl23725	Glyco_hydro sup	-	-
Q#2 - >Pavir.2KG392600.1.p	superfamily	390048	27	67	3.29E-18	76.2046	cl23725	Glyco_hydro sup	C	-
Q#3 - >Pavir.2KG392700.1.p	superfamily	225343	11	63	5.23E-19	78.83	cl39060	BglB superfamily	C	-
Q#4 - >Pavir.2KG582300.1.p	superfamily	390048	52	514	0	514.947	cl23725	Glyco_hydro sup	-	-
Q#5 - >Pavir.2KG582300.2.p	superfamily	390048	1	401	2.06E-145	420.573	cl23725	Glyco_hydro sup	-	-
Q#6 - >Pavir.2KG582300.3.p	superfamily	390048	1	401	2.06E-145	420.573	cl23725	Glyco_hydro sup	-	-
Q#7 - >Pavir.2NG035200.1.p	superfamily	390048	29	136	2.88E-55	178.191	cl23725	Glyco_hydro sup	C	-
Q#8 - >Pavir.2NG298600.1.p	superfamily	390048	1	281	1.75E-63	208.713	cl23725	Glyco_hydro sup	N	-
Q#9 - >Pavir.2NG374600.1.p	superfamily	390048	39	156	1.65E-33	122.043	cl23725	Glyco_hydro sup	N	-
Q#10 - >Pavir.2NG374800.1.p	superfamily	390048	28	500	2.08E-174	497.998	cl23725	Glyco_hydro sup	-	-
Q#11 - >Pavir.2NG374900.1.p	superfamily	390048	27	498	0	515.717	cl23725	Glyco_hydro sup	-	-
Q#12 - >Pavir.2NG375000.1.p	superfamily	390048	27	290	3.56E-119	348.926	cl23725	Glyco_hydro sup	C	-
Q#13 - >Pavir.2NG390800.1.p	superfamily	390048	30	136	1.10E-53	173.954	cl23725	Glyco_hydro sup	C	-
Q#14 - >Pavir.2NG390900.1.p	superfamily	390048	1	205	9.01E-58	188.683	cl23725	Glyco_hydro sup	N	-
Q#15 - >Pavir.2NG426900.1.p	superfamily	390048	26	504	0	538.536	cl23725	Glyco_hydro sup	-	-
Q#16 - >Pavir.2NG427000.1.p	superfamily	390048	25	510	0	543.025	cl23725	Glyco_hydro sup	-	-
Q#17 - >Pavir.2NG427000.2.p	superfamily	390048	25	510	0	543.025	cl23725	Glyco_hydro sup	-	-
Q#18 - >Pavir.2NG641000.1.p	superfamily	390048	53	515	0	526.888	cl23725	Glyco_hydro sup	-	-
Q#19 - >Pavir.3KG228700.1.p	superfamily	390048	28	499	0	531.854	cl23725	Glyco_hydro sup	-	-
Q#20 - >Pavir.3KG228700.2.p	superfamily	390048	1	370	4.23E-129	380.085	cl23725	Glyco_hydro sup	N	-
Q#21 - >Pavir.3KG229100.1.p	superfamily	390048	36	513	0	586.911	cl23725	Glyco_hydro sup	-	-
Q#22 - >Pavir.3KG315300.1.p	superfamily	390048	28	508	0	549.162	cl23725	Glyco_hydro sup	-	-
Q#23 - >Pavir.3KG315300.2.p	superfamily	390048	28	507	0	550.317	cl23725	Glyco_hydro sup	-	-
Q#24 - >Pavir.3KG315300.3.p	superfamily	390048	28	345	7.07E-157	451.706	cl23725	Glyco_hydro sup	C	-
Q#25 - >Pavir.3KG315300.4.p	superfamily	390048	28	293	3.26E-128	374.666	cl23725	Glyco_hydro sup	C	-
Q#26 - >Pavir.3KG404300.1.p	superfamily	390048	36	496	4.69E-175	499.539	cl23725	Glyco_hydro sup	-	-
Q#27 - >Pavir.3KG409700.1.p	superfamily	390048	38	513	0	551.541	cl23725	Glyco_hydro sup	-	-
Q#28 - >Pavir.3KG441000.1.p	superfamily	390048	2	301	9.36E-84	259.174	cl23725	Glyco_hydro sup	N	-
Q#29 - >Pavir.3NG135100.1.p	superfamily	390048	37	514	0	582.289	cl23725	Glyco_hydro sup	-	-
Q#30 - >Pavir.3NG135600.1.p	superfamily	390048	28	475	0	520.272	cl23725	Glyco_hydro sup	-	-
Q#31 - >Pavir.3NG182300.1.p	superfamily	390048	1	194	3.73E-62	199.469	cl23725	Glyco_hydro sup	N	-
Q#32 - >Pavir.3NG195800.1.p	superfamily	390048	38	283	7.99E-111	327.74	cl23725	Glyco_hydro sup	C	-
Q#33 - >Pavir.3NG195900.1.p	superfamily	390048	9	142	3.21E-46	155.171	cl23725	Glyco_hydro sup	N	-
Q#34 - >Pavir.3NG216200.1.p	superfamily	390048	34	495	4.53E-176	502.235	cl23725	Glyco_hydro sup	-	-
Q#35 - >Pavir.3NG252800.1.p	superfamily	390048	2	208	1.64E-68	216.032	cl23725	Glyco_hydro sup	N	-
Q#36 - >Pavir.4KG140600.1.p	superfamily	390048	36	302	1.23E-91	283.057	cl23725	Glyco_hydro sup	C	-
Q#37 - >Pavir.4KG143000.1.p	superfamily	390048	30	499	0	541.141	cl23725	Glyco_hydro sup	-	-
Q#38 - >Pavir.4KG143000.2.p	superfamily	390048	30	377	6.74E-136	395.15	cl23725	Glyco_hydro sup	-	-
Q#39 - >Pavir.4KG143500.1.p	superfamily	390048	30	254	1.53E-106	315.414	cl23725	Glyco_hydro sup	C	-
Q#40 - >Pavir.4KG402600.1.p	superfamily	390048	25	495	0	541.141	cl23725	Glyco_hydro sup	-	-
Q#41 - >Pavir.4KG402600.2.p	superfamily	390048	9	397	3.89E-136	397.076	cl23725	Glyco_hydro sup	-	-

Q#42 - >Pavir.4NG135600.1.p	superfamily	390048	30	499	0	553.852	cl23725	Glyco_hydro sup	-	-
Q#43 - >Pavir.4NG144900.1.p	superfamily	390048	35	318	1.62E-126	377.046	cl23725	Glyco_hydro sup	C	-
Q#44 - >Pavir.4NG144900.1.p	superfamily	237171	348	456	0.00435552	39.5019	cl36163	PRK12678 super	C	-
Q#45 - >Pavir.4NG291800.1.p	superfamily	390048	25	496	0	539.6	cl23725	Glyco_hydro sup	-	-
Q#46 - >Pavir.4NG291800.2.p	superfamily	390048	25	337	4.41E-146	421.729	cl23725	Glyco_hydro sup	C	-
Q#47 - >Pavir.5KG166400.1.p	superfamily	390048	59	512	0	593.074	cl23725	Glyco_hydro sup	-	-
Q#48 - >Pavir.5KG166400.10.p	superfamily	390048	1	358	8.27E-151	436.324	cl23725	Glyco_hydro sup	-	-
Q#49 - >Pavir.5KG166400.11.p	superfamily	390048	1	358	8.27E-151	436.324	cl23725	Glyco_hydro sup	-	-
Q#50 - >Pavir.5KG166400.2.p	superfamily	390048	59	479	0	538.402	cl23725	Glyco_hydro sup	-	-
Q#51 - >Pavir.5KG166400.3.p	superfamily	390048	59	428	8.11E-175	498.315	cl23725	Glyco_hydro sup	C	-
Q#52 - >Pavir.5KG166400.4.p	superfamily	390048	59	420	4.71E-172	490.997	cl23725	Glyco_hydro sup	C	-
Q#53 - >Pavir.5KG166400.5.p	superfamily	390048	59	388	6.93E-161	461.721	cl23725	Glyco_hydro sup	C	-
Q#54 - >Pavir.5KG166400.6.p	superfamily	390048	59	388	6.93E-161	461.721	cl23725	Glyco_hydro sup	C	-
Q#55 - >Pavir.5KG166400.7.p	superfamily	390048	59	397	2.77E-161	462.877	cl23725	Glyco_hydro sup	C	-
Q#56 - >Pavir.5KG166400.8.p	superfamily	390048	59	397	2.77E-161	462.877	cl23725	Glyco_hydro sup	C	-
Q#57 - >Pavir.5KG166400.9.p	superfamily	390048	59	397	2.77E-161	462.877	cl23725	Glyco_hydro sup	C	-
Q#58 - >Pavir.5KG220000.1.p	superfamily	390048	3	236	2.27E-81	254.099	cl23725	Glyco_hydro sup	N	-
Q#59 - >Pavir.5KG437600.1.p	superfamily	390048	70	153	5.44E-24	96.6202	cl23725	Glyco_hydro sup	N	-
Q#60 - >Pavir.5KG437600.1.p	superfamily	390048	8	74	1.99E-18	81.1442	cl23725	Glyco_hydro sup	C	-
Q#61 - >Pavir.5KG697100.1.p	superfamily	390048	98	555	0	562.712	cl23725	Glyco_hydro sup	-	-
Q#62 - >Pavir.5KG720500.1.p	superfamily	390048	12	318	3.73E-104	312.332	cl23725	Glyco_hydro sup	N	-
Q#63 - >Pavir.5KG738300.1.p	superfamily	390048	11	110	1.93E-32	117.421	cl23725	Glyco_hydro sup	NC	-
Q#64 - >Pavir.5NG287200.1.p	superfamily	390048	2	326	1.08E-115	343.533	cl23725	Glyco_hydro sup	N	-
Q#65 - >Pavir.5NG448500.1.p	superfamily	390048	23	428	6.79E-158	456.74	cl23725	Glyco_hydro sup	-	-
Q#66 - >Pavir.5NG554600.1.p	superfamily	390048	25	488	0	564.184	cl23725	Glyco_hydro sup	-	-
Q#67 - >Pavir.5NG554600.2.p	superfamily	390048	25	343	7.08E-161	462.877	cl23725	Glyco_hydro sup	C	-
Q#68 - >Pavir.5NG554600.3.p	superfamily	390048	25	343	2.65E-161	464.803	cl23725	Glyco_hydro sup	C	-
Q#69 - >Pavir.5NG554600.4.p	superfamily	390048	25	343	1.33E-162	465.959	cl23725	Glyco_hydro sup	C	-
Q#70 - >Pavir.5NG554600.2.p	superfamily	390048	25	343	7.08E-161	462.877	cl23725	Glyco_hydro sup	C	-
Q#71 - >Pavir.5NG554600.3.p	superfamily	390048	25	343	2.65E-161	464.803	cl23725	Glyco_hydro sup	C	-
Q#72 - >Pavir.5NG554600.4.p	superfamily	390048	25	343	1.33E-162	465.959	cl23725	Glyco_hydro sup	C	-
Q#73 - >Pavir.6KG148400.1.p	superfamily	390048	16	499	1.75E-173	498.09	cl23725	Glyco_hydro sup	-	-
Q#74 - >Pavir.6KG344600.1.p	superfamily	390048	82	555	0	541.617	cl23725	Glyco_hydro sup	-	-
Q#75 - >Pavir.6KG344600.2.p	superfamily	390048	82	555	0	541.617	cl23725	Glyco_hydro sup	-	-
Q#76 - >Pavir.6KG344700.1.p	superfamily	390048	23	510	4.52E-177	507.971	cl23725	Glyco_hydro sup	-	-
Q#77 - >Pavir.6KG344700.2.p	superfamily	390048	22	379	1.53E-141	412.576	cl23725	Glyco_hydro sup	C	-
Q#78 - >Pavir.6NG186800.1.p	superfamily	390048	8	376	7.81E-137	399.479	cl23725	Glyco_hydro sup	-	-
Q#79 - >Pavir.6NG199700.1.p	superfamily	390048	2	311	1.26E-99	302.275	cl23725	Glyco_hydro sup	N	-
Q#80 - >Pavir.7KG202100.1.p	superfamily	390048	40	304	4.35E-119	349.311	cl23725	Glyco_hydro sup	C	-
Q#81 - >Pavir.7KG202300.1.p	superfamily	390048	40	482	4.78E-167	478.738	cl23725	Glyco_hydro sup	-	-
Q#82 - >Pavir.7KG202500.1.p	superfamily	390048	2	157	2.21E-40	140.533	cl23725	Glyco_hydro sup	N	-
Q#83 - >Pavir.7KG202700.1.p	superfamily	390048	1	163	1.10E-70	220.654	cl23725	Glyco_hydro sup	C	-

Q#84 - >Pavir.7KG202700.2.p	superfamily	390048	1	164	9.31E-71	219.884	cl23725	Glyco_hydro sup	C	-
Q#85 - >Pavir.7KG202700.3.p	superfamily	390048	1	164	9.31E-71	219.884	cl23725	Glyco_hydro sup	C	-
Q#86 - >Pavir.7KG202700.4.p	superfamily	390048	1	163	1.10E-70	220.654	cl23725	Glyco_hydro sup	C	-
Q#87 - >Pavir.7KG240800.1.p	superfamily	390048	1	402	9.90E-143	414.025	cl23725	Glyco_hydro sup	-	-
Q#88 - >Pavir.7KG240900.1.p	superfamily	390048	36	499	0	519.184	cl23725	Glyco_hydro sup	-	-
Q#89 - >Pavir.7KG240900.2.p	superfamily	390048	1	402	5.07E-142	412.099	cl23725	Glyco_hydro sup	-	-
Q#90 - >Pavir.7KG241000.1.p	superfamily	390048	31	496	1.92E-173	496.457	cl23725	Glyco_hydro sup	-	-
Q#91 - >Pavir.7KG241100.1.p	specific	225343	1	85	1.74E-33	119.661	COG2723	BglB	C	cl39060
Q#92 - >Pavir.7KG241200.1.p	superfamily	390048	1	398	1.51E-128	378.201	cl23725	Glyco_hydro sup	-	-
Q#93 - >Pavir.7KG252000.1.p	superfamily	390048	2	205	1.52E-69	220.227	cl23725	Glyco_hydro sup	C	-
Q#94 - >Pavir.7KG252000.2.p	superfamily	390048	1	199	9.88E-67	212.523	cl23725	Glyco_hydro sup	C	-
Q#95 - >Pavir.7NG133800.1.p	superfamily	390048	74	171	2.23E-15	73.4402	cl23725	Glyco_hydro sup	NC	-
Q#96 - >Pavir.7NG236600.1.p	superfamily	390048	39	511	0	542.681	cl23725	Glyco_hydro sup	-	-
Q#97 - >Pavir.7NG237100.1.p	superfamily	390048	40	512	0	547.689	cl23725	Glyco_hydro sup	-	-
Q#98 - >Pavir.7NG237100.2.p	superfamily	390048	40	491	5.97E-180	511.865	cl23725	Glyco_hydro sup	-	-
Q#99 - >Pavir.7NG237100.3.p	superfamily	390048	40	469	6.21E-163	467.567	cl23725	Glyco_hydro sup	-	-
Q#100 - >Pavir.7NG237100.4.p	superfamily	390048	40	467	5.46E-156	449.848	cl23725	Glyco_hydro sup	-	-
Q#101 - >Pavir.7NG237100.5.p	superfamily	390048	51	464	4.92E-160	460.249	cl23725	Glyco_hydro sup	-	-
Q#102 - >Pavir.7NG262100.1.p	superfamily	390048	8	119	6.48E-45	150.842	cl23725	Glyco_hydro sup	N	-
Q#103 - >Pavir.7NG350500.1.p	superfamily	390048	3	332	5.88E-99	300.006	cl23725	Glyco_hydro sup	N	-
Q#104 - >Pavir.7NG350600.1.p	superfamily	390048	1	107	2.02E-39	136.59	cl23725	Glyco_hydro sup	N	-
Q#105 - >Pavir.7NG350700.1.p	superfamily	390048	50	340	6.88E-118	348.926	cl23725	Glyco_hydro sup	C	-
Q#106 - >Pavir.7NG350800.1.p	superfamily	390048	27	492	1.31E-173	496.457	cl23725	Glyco_hydro sup	-	-
Q#107 - >Pavir.7NG351000.1.p	superfamily	390048	31	477	2.01E-163	469.493	cl23725	Glyco_hydro sup	-	-
Q#108 - >Pavir.7NG351000.2.p	superfamily	390048	1	292	9.97E-86	264.182	cl23725	Glyco_hydro sup	N	-
Q#109 - >Pavir.7NG352300.1.p	superfamily	390048	31	498	3.52E-173	495.302	cl23725	Glyco_hydro sup	-	-
Q#110 - >Pavir.8KG095700.1.p	superfamily	390048	66	491	0	542.681	cl23725	Glyco_hydro sup	-	-
Q#111 - >Pavir.8KG346400.1.p	superfamily	390048	1	47	1.24E-08	52.6394	cl23725	Glyco_hydro sup	NC	-
Q#112 - >Pavir.8KG346400.2.p	superfamily	390048	1	83	1.17E-10	57.2618	cl23725	Glyco_hydro sup	NC	-
Q#113 - >Pavir.8KG346400.3.p	superfamily	390048	1	83	1.17E-10	57.2618	cl23725	Glyco_hydro sup	NC	-
Q#114 - >Pavir.8KG346400.4.p	superfamily	390048	1	83	1.17E-10	57.2618	cl23725	Glyco_hydro sup	NC	-
Q#115 - >Pavir.8KG389500.1.p	specific	225343	131	477	1.96E-63	215.191	COG2723	BglB	-	cl39060
Q#116 - >Pavir.8NG015500.1.p	superfamily	390048	87	196	1.26E-54	180.209	cl23725	Glyco_hydro sup	C	-
Q#117 - >Pavir.8NG015600.1.p	superfamily	390048	1	171	1.35E-56	184.831	cl23725	Glyco_hydro sup	N	-
Q#118 - >Pavir.8NG056600.1.p	superfamily	390048	69	541	0	581.201	cl23725	Glyco_hydro sup	-	-
Q#119 - >Pavir.8NG056600.2.p	superfamily	390048	69	418	5.76E-155	446.381	cl23725	Glyco_hydro sup	-	-
Q#120 - >Pavir.8NG056600.3.p	superfamily	390048	19	431	1.49E-166	476.427	cl23725	Glyco_hydro sup	-	-
Q#121 - >Pavir.8NG056600.4.p	superfamily	390048	19	424	1.65E-161	463.33	cl23725	Glyco_hydro sup	-	-
Q#122 - >Pavir.8NG056600.5.p	superfamily	390048	19	308	1.38E-115	341.607	cl23725	Glyco_hydro sup	-	-
Q#123 - >Pavir.8NG056700.1.p	superfamily	390048	21	314	1.55E-100	302.702	cl23725	Glyco_hydro sup	C	-
Q#124 - >Pavir.8NG057300.1.p	superfamily	390048	59	442	2.32E-151	438.292	cl23725	Glyco_hydro sup	-	-
Q#125 - >Pavir.8NG094900.1.p	superfamily	390048	69	118	1.81E-20	85.0642	cl23725	Glyco_hydro sup	C	-

Q#126 - >Pavir.8NG094900.2.p	superfamily	390048	69	106	2.85E-20	84.2938	cl23725	Glyco_hydro sup	C	-
Q#127 - >Pavir.8NG094900.3.p	superfamily	390048	69	112	1.16E-21	87.7606	cl23725	Glyco_hydro sup	C	-
Q#128 - >Pavir.8NG311400.1.p	specific	225343	200	556	1.12E-68	230.984	COG2723	BglB	-	cl39060
Q#129 - >Pavir.9KG034700.1.p	superfamily	390048	109	574	5.10E-177	509.554	cl23725	Glyco_hydro sup	-	-
Q#130 - >Pavir.9KG034800.1.p	superfamily	390048	32	496	0	545.378	cl23725	Glyco_hydro sup	-	-
Q#131 - >Pavir.9KG625100.1.p	superfamily	390048	44	518	0	547.304	cl23725	Glyco_hydro sup	-	-
Q#132 - >Pavir.9KG625100.2.p	superfamily	390048	42	476	1.32E-170	487.598	cl23725	Glyco_hydro sup	-	-
Q#133 - >Pavir.9KG625100.3.p	superfamily	390048	62	496	5.00E-170	486.827	cl23725	Glyco_hydro sup	-	-
Q#134 - >Pavir.9KG625200.1.p	superfamily	390048	44	518	0	535.748	cl23725	Glyco_hydro sup	-	-
Q#135 - >Pavir.9NG145100.1.p	superfamily	390048	48	513	0	521.881	cl23725	Glyco_hydro sup	-	-
Q#136 - >Pavir.9NG145100.2.p	superfamily	390048	48	513	0	521.881	cl23725	Glyco_hydro sup	-	-
Q#137 - >Pavir.9NG145100.3.p	superfamily	390048	3	362	5.85E-118	350.852	cl23725	Glyco_hydro sup	N	-
Q#138 - >Pavir.9NG145200.1.p	superfamily	390048	34	512	2.09E-157	455.241	cl23725	Glyco_hydro sup	-	-
Q#139 - >Pavir.9NG636900.1.p	superfamily	390048	44	518	0	542.296	cl23725	Glyco_hydro sup	-	-
Q#140 - >Pavir.9NG637200.1.p	superfamily	390048	1	386	6.42E-115	341.992	cl23725	Glyco_hydro sup	-	-
Q#141 - >Pavir.9NG645500.1.p	superfamily	390048	93	556	0	524.577	cl23725	Glyco_hydro sup	-	-
Q#142 - >Pavir.9NG645500.2.p	superfamily	390048	44	518	0	546.533	cl23725	Glyco_hydro sup	-	-
Q#143 - >Pavir.9NG645500.3.p	superfamily	390048	44	364	3.22E-142	412.484	cl23725	Glyco_hydro sup	C	-
Q#144 - >Pavir.9NG645700.1.p	superfamily	390048	1	403	3.52E-139	404.78	cl23725	Glyco_hydro sup	-	-
Q#145 - >Pavir.J006700.1.p	superfamily	390048	1	411	2.08E-168	479.123	cl23725	Glyco_hydro sup	-	-
Q#146 - >Pavir.J007000.1.p	superfamily	390048	45	82	6.23E-16	70.7204	cl23725	Glyco_hydro sup	C	-
Q#147 - >Pavir.J095600.1.p	superfamily	390048	22	190	1.29E-46	158.546	cl23725	Glyco_hydro sup	N	-
Q#148 - >Pavir.J134800.1.p	superfamily	390048	43	170	1.59E-71	221.719	cl23725	Glyco_hydro sup	C	-
Q#149 - >Pavir.J258100.1.p	specific	225343	1	102	1.70E-52	170.122	COG2723	BglB	C	cl39060
Q#150 - >Pavir.J332300.1.p	superfamily	390048	1	67	7.88E-35	121.952	cl23725	Glyco_hydro sup	C	-
Q#151 - >Pavir.J549200.1.p	superfamily	390048	6	218	5.98E-93	279.975	cl23725	Glyco_hydro sup	C	-