

Table S8:

ID	Significant	Expected	p value	Family	Summary
PF00134	6	1.38891476	0.00447442	Cyclin_N	Cyclin, N-terminal domain
PF00646	45	10.0398696	1.13E-14	F-box	F-box domain
PF01344	11	3.05561248	0.00055495	Kelch_1	Kelch motif
PF01485	7	1.11113181	0.00031623	IBR	IBR domain
PF02984	6	1.07144853	0.0014315	Cyclin_C	Cyclin, C-terminal domain
PF03088	4	0.55556591	0.00426141	Str_synth	Strictosidine synthase Seven in absentia protein family
PF03145	4	0.67461574	0.00760569	Sina	
PF03478	5	1.15081509	0.00904619	DUF295	
PF04554	4	0.55556591	0.00426141	Extensin_2	Extensin like region
PF04776	5	0.51588263	0.00046358	DUF626	
PF05553	3	0.23809967	0.00395092	DUF761	Cotton fibre expressed protein
PF07723	16	2.18258034	9.83E-09	LRR_2	Leucine Rich Repeat
PF07734	11	2.93656265	0.00041107	FBA_1	F-box associated
PF08387	14	1.94448067	9.70E-08	FBD	