

ID	aligned bases	rate.pam/ltu	Type	tree	Annotation
1545	933	0.869884962	C	"(Os06g04510: 0.826645, At2g36530: 2.474696, (she308011: 0.401429, (ltu247779: 0.347016, (pam209796: 0.247545, pam210288: 0.158373); 0.098905); 0.243925); 0.596557);"	enolase
2258	918	0.886867565	G	"(At4g15900: 0.384865, At3g16650: 0.192332, (Os03g21990: 1.462017, (she308226: 0.380647, (ltu248541: 0.340371, pam209350: 0.293916); 0.188204); 0.094720); 1.782844);"	phosphatases pleiotropic regulator 1 (PRL1)
5547	633	2.343217192	G	"(pam209578: 0.555230, ltu247681: 0.236952, (she308575: 0.454905, (Os09g33990: 1.276464, At1g56450: 0.807923); 0.206104); 0.198725);"	20S proteasome beta subunit PBG1
4280	588	1.080832227	C	"(At5g40580: 0.494719, At3g27430: 0.146372, (Os05g09490: 1.113329, (she307104: 0.873475, (ltu248075: 0.478355, (pam209720: 0.405871, pam210156: 0.410854); 0.108659); 0.023671); 0.370248); 0.934039);"	20S proteasome beta subunit
5308	546	1.294715318	G	"(Os08g18110: 1.006448, At3g56190: 1.887327, (she307378: 0.587960, (pam209686: 0.528697, ltu247436: 0.408350); 0.132174); 0.675454);"	alpha-soluble NSF attachment protein 2
6682	534	1.025105235	G	"(ltu248135: 0.515749, pam209709: 0.408573, (she307628: 0.700716, (Os01g06460: 1.093528, At2g37110: 1.883946); 0.274376); 0.106621);"	expressed protein contains Pfam profile PF04749
3338	519	2.6894	G	"(Os09g15420: 0.286593, Os08g28730: 0.318128, ((she306978: 0.662284, (ltu248057: 0.160612, pam210405: 0.431955); 0.000016); 0.373377, (At1g64440: 0.709473, (At4g23920: 0.378894, At4g10960: 0.381468); 0.413331); 0.423343); 0.678539);"	"UDP-glucose 4-epimerase, putative"
7022	504	1.941117681	G	"(At5g39510: 0.201614, At3g29100: 0.487167, (Os01g37980: 2.138405, ((pam210497: 0.415636, ltu248037: 0.214122); 0.124234, (she308024: 0.324360, she311343: 0.165099); 0.418778); 0.192712); 1.063443);"	putative vesicle transport v-SNARE protein
2725	477	2.57619287	G	"(At4g29510: 0.419049, At2g19670: 0.385071, (Os09g19560: 1.479351, (she309976: 0.411315, (pam210048: 0.496842, ltu248261: 0.192859); 0.242502); 0.399290); 0.468905);"	arginine methyltransferase pam1
6742	471	1.90303347	G	"(Os01g59140: 33.508628, At3g22320: 2.771637, (she312250: 0.503778, (ltu248072: 0.300547, pam210013: 0.571951); 0.106519); 0.663036);"	"RNA polymerase I, II and III 24.3 kDa subunit"
7724	456	1.317085156	G	"(Os05g08980: 0.449660, Os01g08990: 0.492266, ((pam210064: 0.348452, ltu253570: 0.264563); 0.067983, (she312009: 0.277155, (At2g02730: 0.958619, At1g27000: 0.812697); 0.560997); 0.091117); 1.751734);"	bZIP family transcription factor
1690	444	1.080866714	B	"(pam213184: 0.566626, ltu251525: 0.524233, (ltu249527: 0.000000, (she307760: 0.533935, (Os07g42810: 1.143063, At4g24550: 1.126769); 0.276186); 0.046862); 0.368128);"	clathrin adaptor complexes medium subunit
5951	441	1.161874168	B	"(Os05g11710: 0.439769, Os01g10820: 0.239450, (Os06g35730: 0.454308, ((pam209532: 0.673467, (ltu247409: 0.264499, ltu247637: 0.509128); 0.192825); 0.262776, (she307215: 0.810061, (At3g58700: 0.677192, (At5g45775: 0.243950, At4g18730: 0.287261); 0.282661); 0.217353); 0.350561); 0.000104); 0.422054);"	Histone H3
6070	438	1.732325569	G	"(At2g18110: 0.167229, At1g30230: 0.162548, ((pam213096: 0.651493, ltu248559: 0.376080); 0.023153, (she306943: 0.340168, she307739: 0.407973); 0.211693); 0.135305, (Os07g42300: 0.770824, Os03g29260: 0.494627); 0.649684); 1.116027);"	elongation factor 1-beta
2366	426	1.13197022	G	"(Os07g32040: 0.150941, Os07g07250: 0.085934, (Os07g12110: 0.000023, (At3g57290: 1.929149, (she309773: 0.753656, (ltu248190: 0.603765, pam209609: 0.317566); 0.001799); 0.824530); 1.208676); 0.112534);"	eukaryotic translation initiation factor 3E / eIF3e
6775	420	0.972034129	G	"(she308278: 0.542974, she308265: 0.405665, (Os10g34520: 1.272388, (At5g08290: 0.889698, (ltu248035: 0.703107, pam209298: 0.449085); 0.537785); 0.176001); 0.193031);"	putative thioredoxin-like U5 small ribonucleoprotein particle protein
8715	417	2.3337	G	"(Os03g52320: 2.673504, At5g28640: 0.694797, (she312298: 0.462279, (ltu247927: 0.242810, pam214734: 0.566646); 0.040029); 0.667850);"	SSXT protein-related
6629	408	1.673535929	C/D	"(At1g67430: 0.547772, At1g27400: 0.380361, (she307857: 1.107532, ((Os09g08430: 0.671346, Os08g41810: 0.851131); 0.329113, (ltu247995: 0.476372, (ltu247346: 0.315900, (pam210424: 0.351974, pam209686: 0.231170); 0.237098); 0.157507); 0.324292); 0.503811); 0.233997);"	60S ribosomal protein L17 (RPL17A)
5331	402	1.16434057	G	"(Os07g48300: 0.648135, Os03g21550: 0.360124, (At5g20920: 2.461438, (she307341: 0.786229, (ltu248316: 0.454051, pam212444: 0.297813); 0.030404); 0.775221); 0.178209);"	putative translation initiation factor eIF-2 beta chain
	Mean	1.535689425			
	Median	1.294715318			
	SE	0.13746355			

Type
"A. (Saruma ((Lirio1, Lirio2) (Persea1, Persea2)))"
"B. (Saruma ((Lirio1, Lirio2) Persea) - only one Persea gene sampled"
"C. (Saruma (Lirio, (Persea1, Persea2))) - only one Lirio gene sampled"
"D. (Saruma ((Lirio1, Persea1), (Lirio2, Persea2)))"
"E. (Saruma ((Lirio1, Persea), Lirio2)) - only one Persea gene sampled"
"F. (Saruma ((Lirio, Persea1), Persea2)) - only one Persea gene sampled"
"G. (Saruma (Lirio, Persea)) - one gene sampled from each species"