

Table S12. Number of homologous genes to MEGs and PEGs (including accession-dependent MEGs and PEGs) in comparison to the genome-wide frequency of gene homologs.

	Number of homologs	Number of genes	Percentage	p value
Genome	0	6251	23.17	
	>0	20726	76.83	
MEGs	0	4	10.26	0.023
	>0	35	89.74	
PEGs	0	2	7.41	0.026
	>0	25	92.59	

P values were determined using hypergeometric testing.