

The 30 fastest evolving genes on the 5 taxa tree as determined by the M0 model

OrthoDB group ^a	Gene ^b	Classification	Global ω^c	Tree Length ^d
EOG6TX97R	CLIP-D1-like protein	CLIP serine protease	0.30094	2.2282
EOG6HDR8C	TLR-1	Toll receptor	0.25801	2.7466
EOG6RJDH9	scarface	CLIP serine protease	0.25097	1.9614
EOG6RV16R-1	BGRP-1	GNBP	0.24922	2.1086
EOG6Q57J	LOC100642902 (B. terr)	Serine protease inhibitor	0.24741	2.3151
EOG6RBP1C	persephone	CLIP serine protease	0.24712	2.2103
EOG6QRFKP	CLIP-C1B	CLIP serine protease	0.24449	2.3723
EOG6NCJV4	snake	CLIP serine protease	0.23339	1.6048
EOG6FJ6RD	CLIP-B13	CLIP serine protease	0.22864	1.9741
EOG64QRG8	tak1	c-Jun N-terminal kinases	0.22180	14.7534
EOG6KKWHX	argonaute-2	Small RNA regulatory pathway members	0.22158	2.6678
EOG6XWDDG-3	serpin-10B	Serine protease inhibitor	0.20280	3.0118
EOG6ZW3V0	fadd	IMD pathway	0.20183	2.3310
EOG6RJDHD	r2d2	Small RNA regulatory pathway members	0.20087	2.1837
EOG6HHMH6	serpin-23	Scavenger receptor	0.19767	1.7375
EOG680GDM	eiger	c-Jun N-terminal kinases	0.19204	2.7384
EOG6WDBSW	serpin-28D	Serine protease inhibitor	0.19085	2.1584
EOG6RV16R-2	BGRP-2	GNBP	0.18544	2.1662
EOG6N8PNJ	wengen	c-Jun N-terminal kinases	0.18343	0.8607
EOG64J10C	ird5	IMD pathway	0.18295	1.6195
EOG66DJHQ	aubergine	Small RNA regulatory pathway members	0.17942	2.4938
EOG6TDZ3C	defensin	AMP	0.17525	1.7331
EOG6TX97G	CLIP-D1	CLIP serine protease	0.17348	2.7346
EOG6RBP1B	cactus	Toll pathway	0.17196	2.2317
EOG6W0VV6	SCR-B5	Scavenger receptor	0.16861	1.7944
EOG6FBG9K	npc2a	MD-2-related lipid recognition	0.16468	1.8724
EOG6XWDDG-1	serpin-10A	Serine protease inhibitor	0.16206	7.7541
EOG6NVX30	npc2b	MD-2-related lipid recognition	0.16092	1.2163
EOG62BVQX	caspase-L1	Caspase	0.15962	2.5414
EOG6X3FGJ	SCR-B6	Scavenger receptor	0.15942	2.0908

^a Group identifiers are from OrthoDB 6 (<http://cegg.unige.ch/orthodb6>).^b Unless otherwise specified, gene names are taken from the *A. mellifera* or *D. melanogaster* orthologs.^c Maximum likelihood estimate across all sites and branches.^d Tree length in synonymous substitutions per synonymous sites.