

Site:	1a	1b	2	3	4
mel	...TTTT <b>TTCTCACACTTACCTTTCCACAC</b> CCCCC...	...GTCAG <b>CGTGTGAA</b> AATACC...	...AAGAG <b>TTCCACG</b> ACCAC...	...TTCGG <b>CGTGTGAA</b> ATTTT	
sim	...TTTT <b>TTCTCACACTTACCTTTCCACAC</b> CCCCC...	...GTCAG <b>CGTGTGAA</b> AATACC...	...AAGAG <b>TTCCACG</b> ACCAC...	...TTCGG <b>CGTGTGAA</b> ATTTT	
dsec	...TTTT <b>TTCTCACACTTACCTTTCCACAC</b> CCCCC...	...GTCAG <b>CGTGTGAA</b> AATATC...	...AAGAG <b>TTCCACG</b> ACCAC...	...TTCGG <b>CGTGTGAA</b> ATTTT	
dyak	...TTTT <b>TTCTCACACTTACCTTTCCACAC</b> CCCCC...	...GTCAG <b>CGTGTGAA</b> AATGCC...	...AAAAG <b>TTCCACG</b> ACCAC...	...TTCGG <b>CGTGTGAA</b> ATTTT	
dere	...TTTCT <b>TTCTCACACTTACCTTTCCACAC</b> CCCCC...	...GTCAG <b>CGTGTGAA</b> AATACC...	...AAGAG <b>TTCCACG</b> ACCAC...	...TTCGG <b>CGTGTGAA</b> ATTTT	
ana	...CTCTT <b>TTCTCACACTTTTATTTCCAGCCG</b> GAGTA...	...GTCGG <b>CGTGTGAA</b> AATATC...	...GAAAG <b>TTCCACG</b> ACCAC...	...AGCAG <b>CGTGTGAA</b> CGAAA	
pse	...CCTTT <b>TTCTCACACTTATTTCCACCCCA</b> CCCCC...	...GTCAG <b>CGTGTGAA</b> AATATC...	...AAAA <b>TTCCACG</b> ACCAC...	...AGGAG <b>CGTGTGAA</b> AATGC	
per	...CCTTT <b>TTCTCACACTTATTTCCACCCCA</b> CCCCC...	...GTCAG <b>CGTGTGAA</b> AATATC...	...AAAA <b>TTCCACG</b> ACCAC...	...AGGAG <b>CGTGTGAA</b> AATGC	
wil	...TTTT <b>TTCTCACACCTCAATTTCCATA</b> AAATAAG...	...CTATT <b>CGTGTGAA</b> TATCT...	...CAAAA <b>TTCCACG</b> ATATA...	...GGAAG <b>CGTGTGAA</b> ATTTT	
gri	...TATAA <b>TTCTCACACCTCGCATTTCC</b> CATCATCGAT...	...AGCGG <b>CGTGTGAA</b> TTTAT...	...AAAA <b>TTCCACG</b> ACCAC...	...CAAAG <b>CGTGTGAA</b> CTTTC	
moj	.....	...ACCAT <b>CGTGTGAA</b> TTTGT...	...GAAAA <b>TTCCACG</b> ACCAC...	...CAAAG <b>CGTGTGAA</b> CTGCT	
vir	.....	...GCCGC <b>CGTGTGAA</b> TTTTT...	...GAAAA <b>TTCTCACG</b> ACCAC...	...TAAAG <b>CGTGTGAA</b> CTCCC	

### Summary

Site 1a: **GTGTGAGAA** (9/9 conserved, 10 species, –Dmoj –Dvir)

Site 1b: **TGTGGGAA** [30/30 conserved (see below\*), including Site 1a, 5 species: Dmel, Dsim, Dsec, Dyak, Dere]

Site 2: **CGTGTGAA** (8/8 conserved, all 12 species)

Site 3: **TCGTGGGAA** (9/9 conserved, all 12 species except Dvir: **TCGTGAGAA**; this remains a high-affinity site)

Site 4: **GCGTGTGAA** (9/9 conserved, all 12 species)

\*GGGGGGTGTGGGAAAAGGTAAGTGTGAGAA