

(A)

MOTIFS	specific	I	II	III	IV	V
COGs 1336,1367, 1604,1337,1332 <b>y1726-like</b> COG1851 <b>BH0337-like</b>		h.h...s.h.hG.s	st-lKghh+.hh	hhGtt	h.D	lGht.t.s.G.h
COG1567 COG1769 COG1688 (Cas5) COGs 1583,5551 <b>YgcH-like</b> <b>y1727-like</b> <b>MJ0978-like</b>	hh.hhPphl hHphlh LHphLh hNH	.hhh.p hhh+ph-.hhh h..h...hh.ht.s	slhlpEKvRGT hghpG.p.aFh l.pA-h+GIh-VIh tp.s-lhtAh...h .s.s-hhGhls.h ss.sshhGhl..sh	h.G.h	lRTIdS hhLpDV	YGuVts.Ghuh hGFGRh LGSREh.v.ht lus.c.o.GG.h hGtcp+hsthchp lGttp..h.h hGtpshCFG.l hG.p+hGhGhh .G.FsthGLstss lG+tslhGcol

(B)

