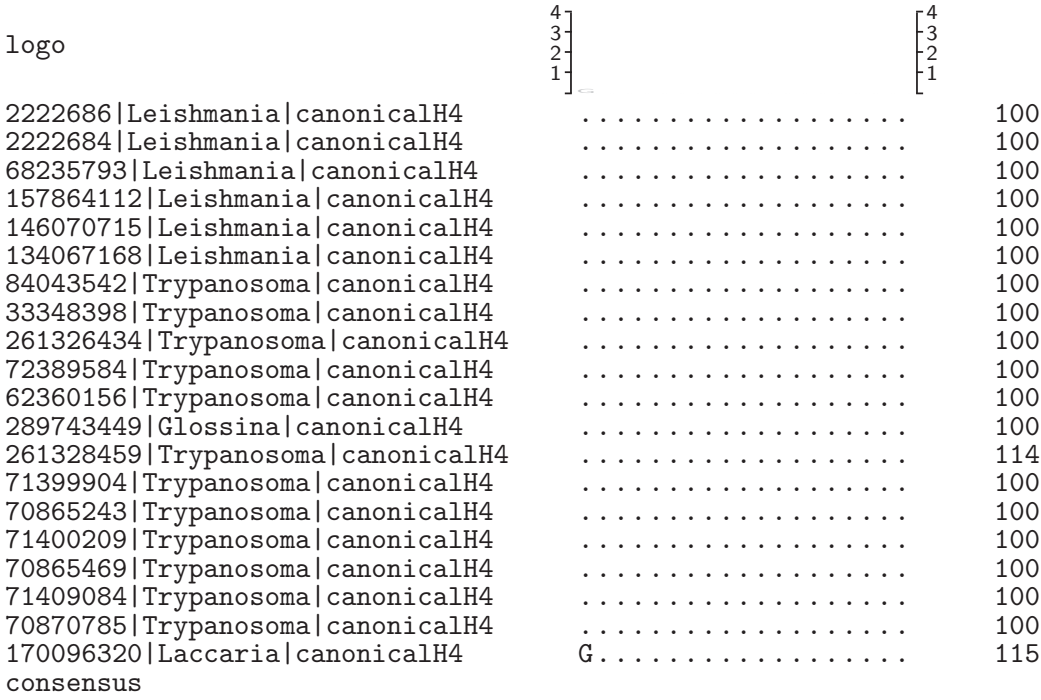
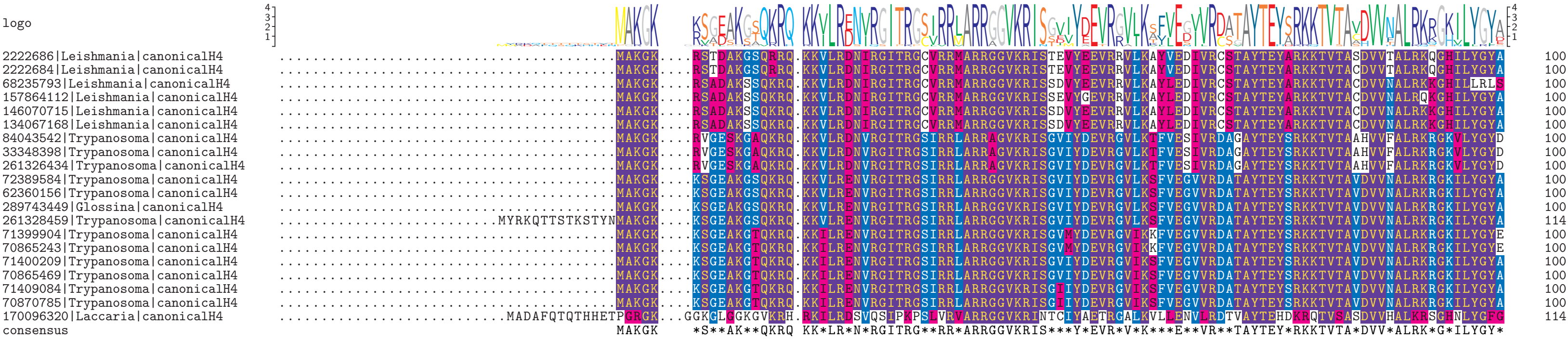


## canonicalH4.fasta

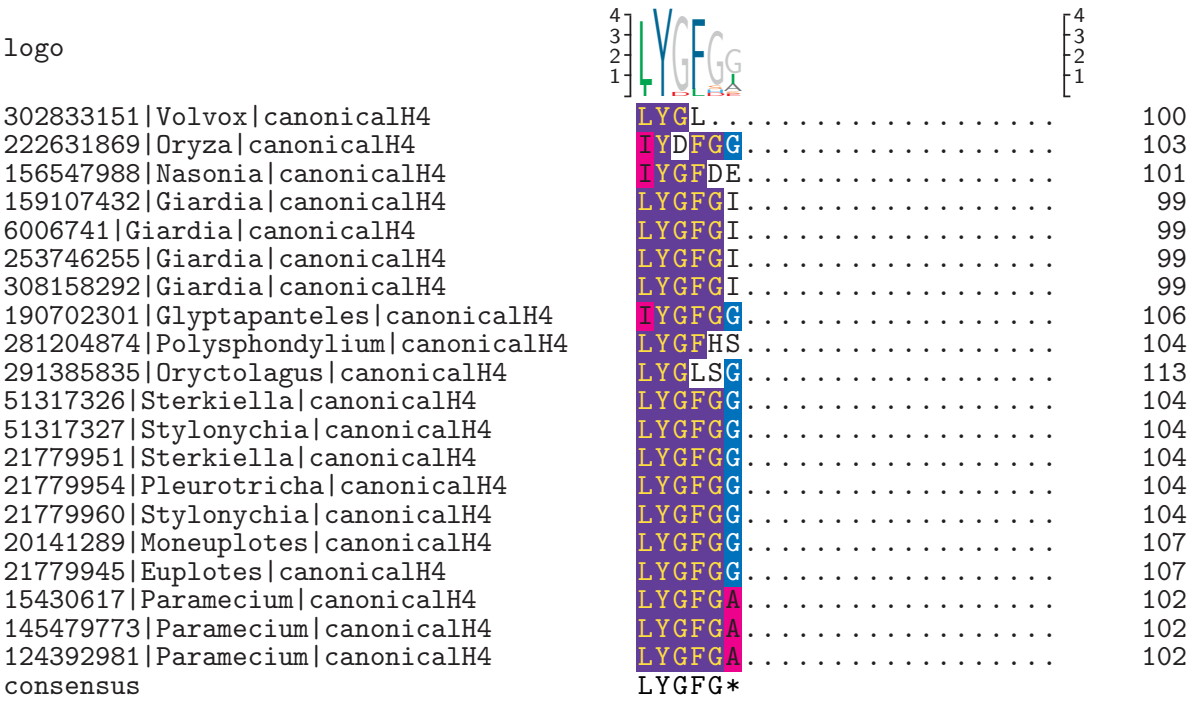
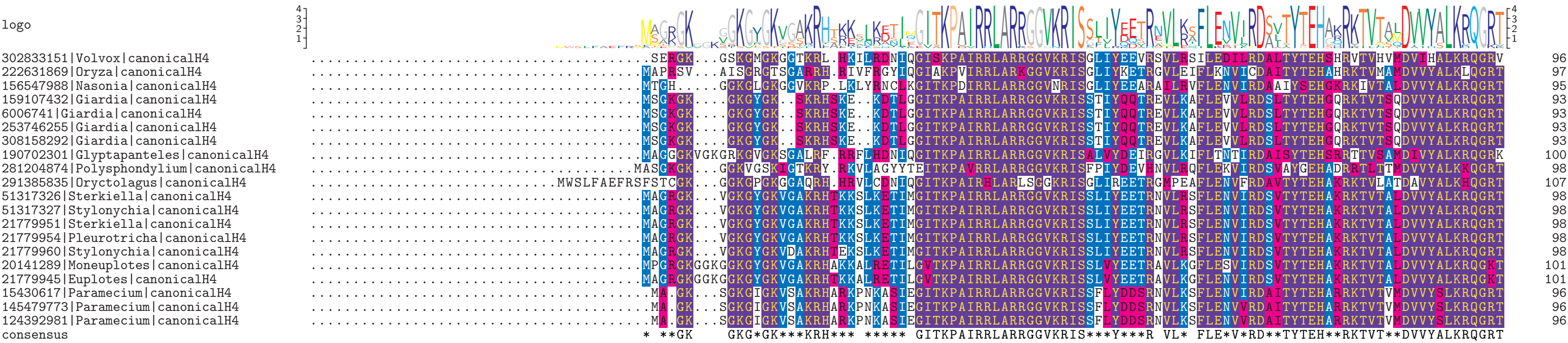
[illegible]

log <sub>o</sub>	4 3 2 1	4 3 2 1
259377427 Leishmania canonicalH4	100	100
154338056 Leishmania canonicalH4	120	120
134062301 Leishmania canonicalH4	120	100
154344583 Leishmania canonicalH4	100	100
134065570 Leishmania canonicalH4	100	100
154331404 Leishmania canonicalH4	100	100
134058838 Leishmania canonicalH4	100	100
154331402 Leishmania canonicalH4	100	100
134058837 Leishmania canonicalH4	100	100
154334406 Leishmania canonicalH4	100	100
134060471 Leishmania canonicalH4	100	100
5738233 Leishmania canonicalH4	100	100
146100782 Leishmania canonicalH4	100	100
134073313 Leishmania canonicalH4	100	100
146081771 Leishmania canonicalH4	100	100
68235791 Leishmania canonicalH4	100	100
134068431 Leishmania canonicalH4	100	100
157866720 Leishmania canonicalH4	100	100
71745884 Leishmania canonicalH4	100	100
11022579 Leishmania canonicalH4	100	100
consensus		

X	non conserved
X	similar
X	≥ 50% conserved
X	≥ 80% conserved

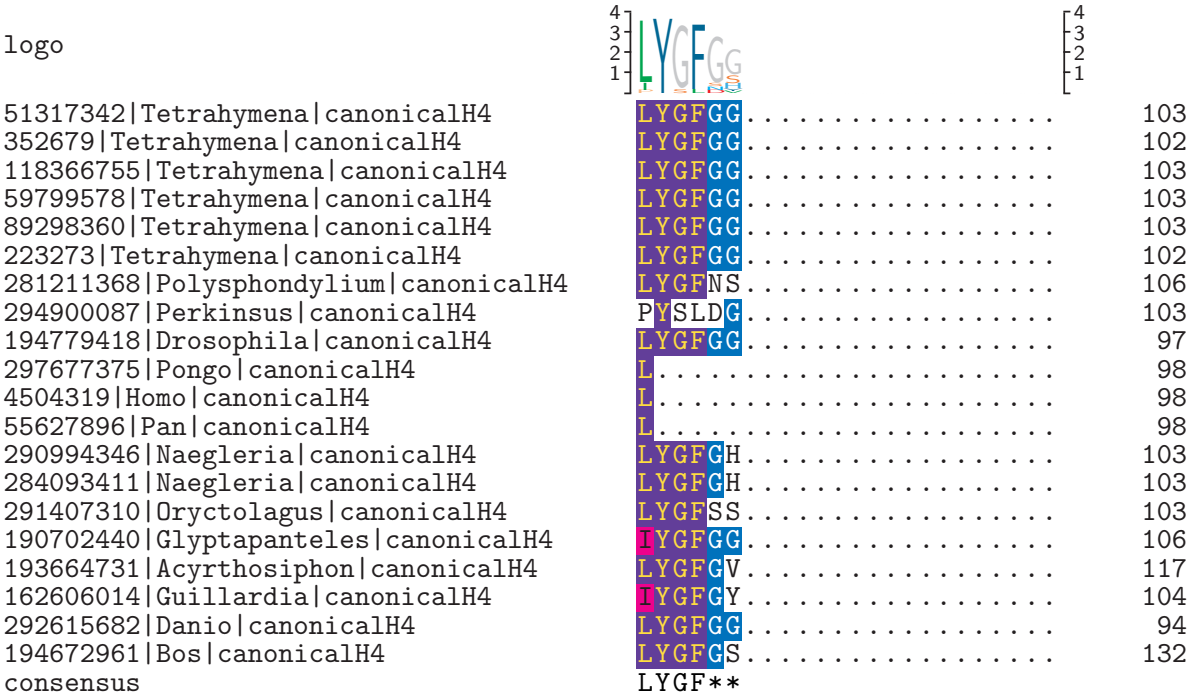
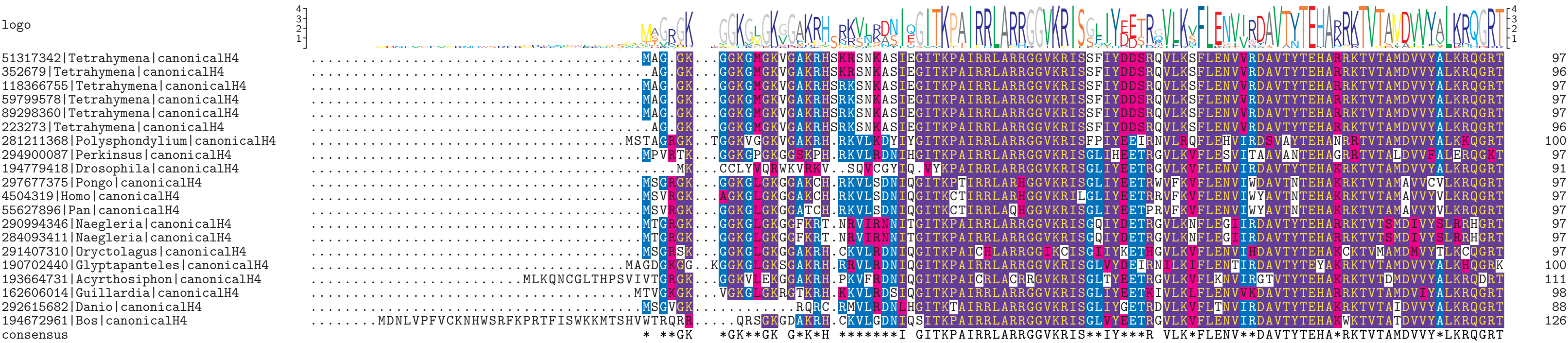


non conserved  
similar  
≥ 50% conserved  
≥ 80% conserved

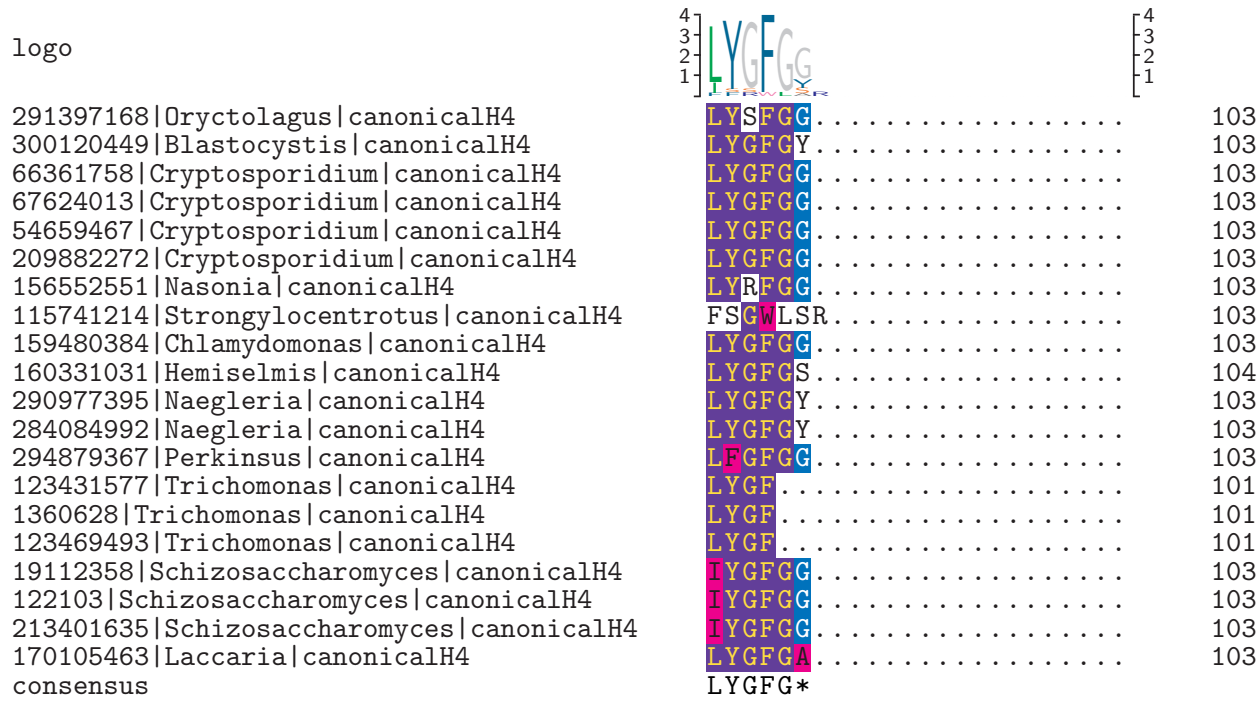
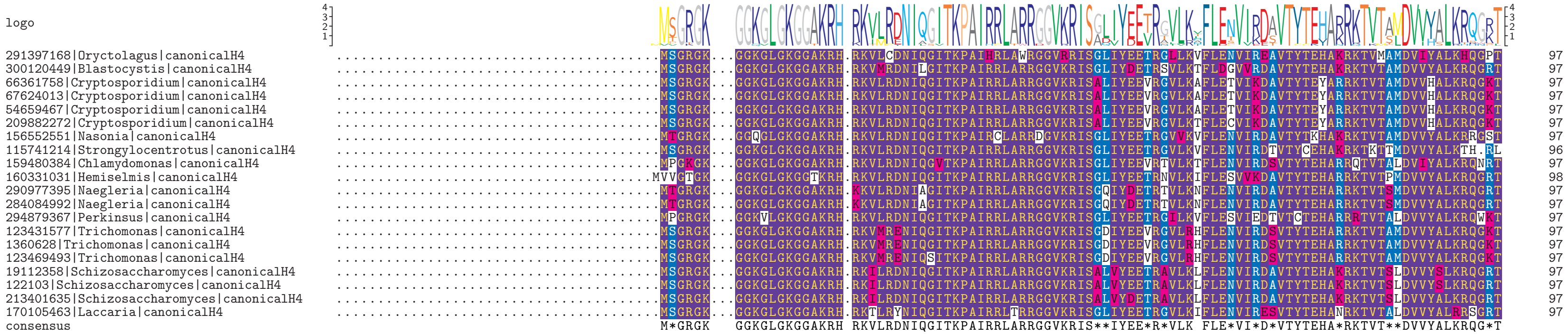


non conserved  
similar  
≥ 50% conserved  
≥ 80% conserved

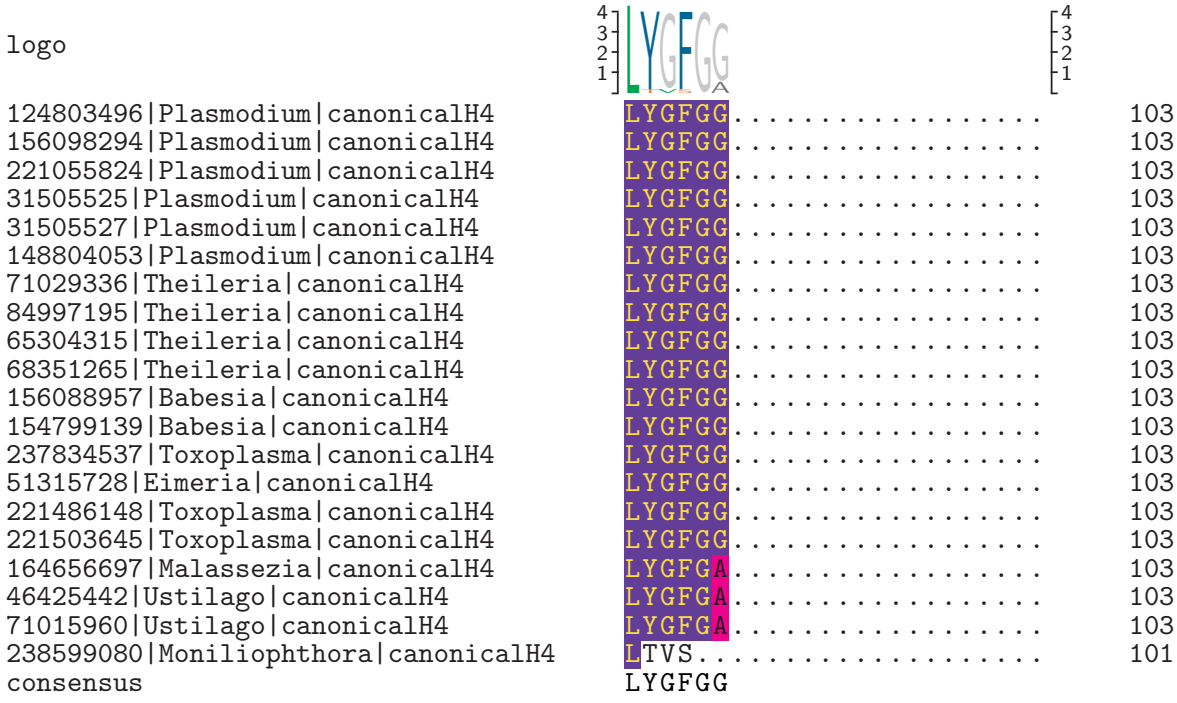
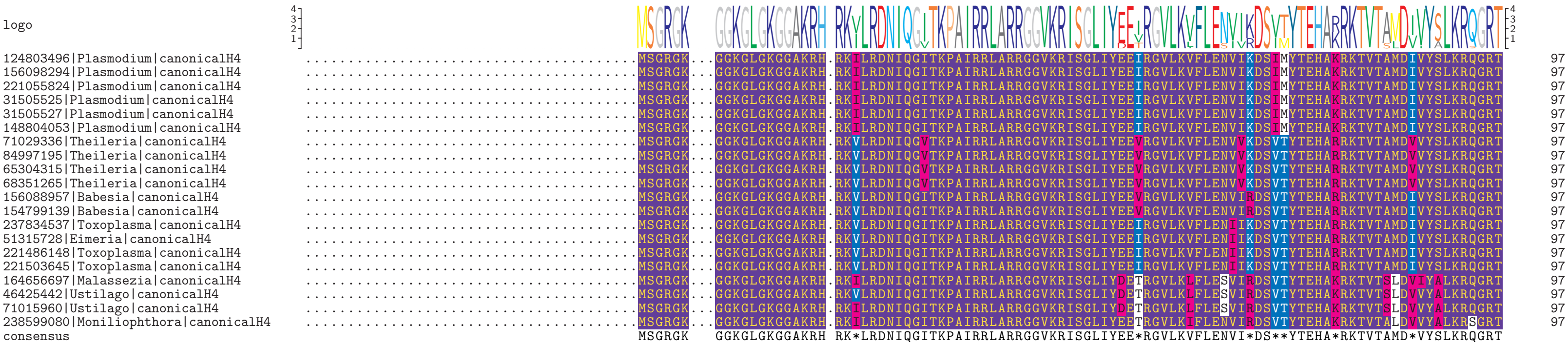




non conserved  
similar  
≥ 50% conserved  
≥ 80% conserved

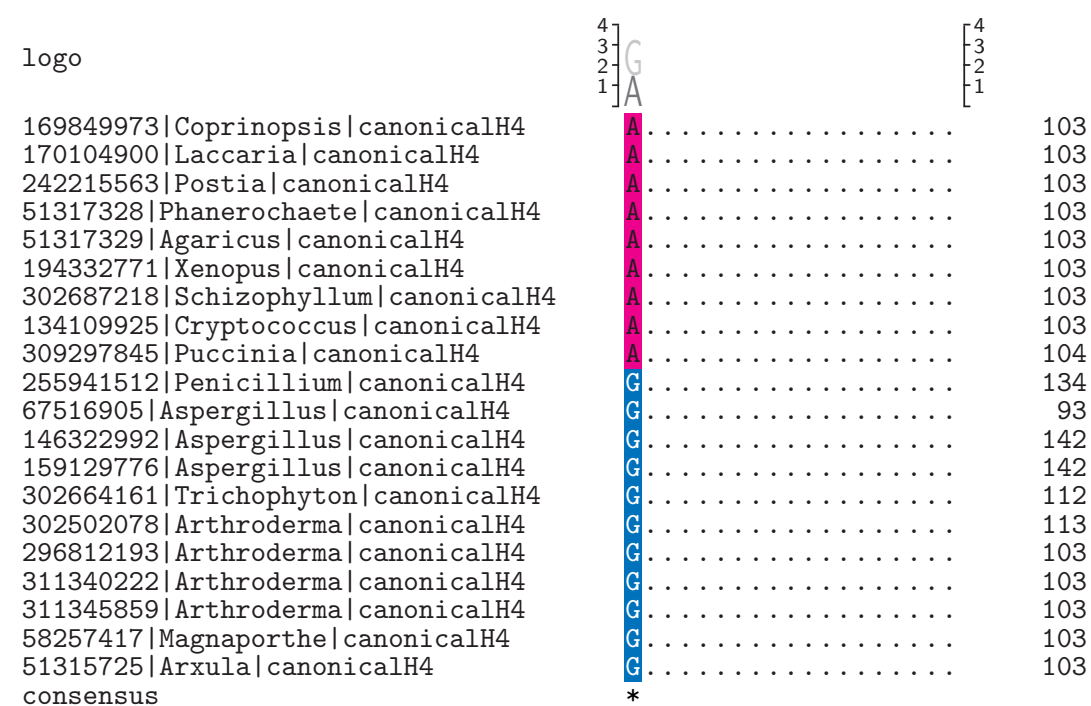
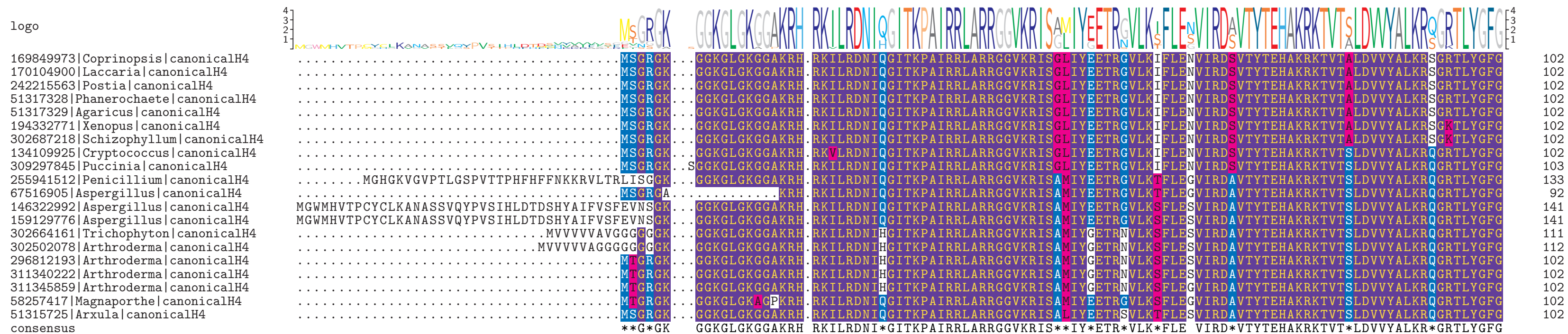


⬜ non conserved  
✖ similar  
⬜ ≥ 50% conserved  
⬜ ≥ 80% conserved

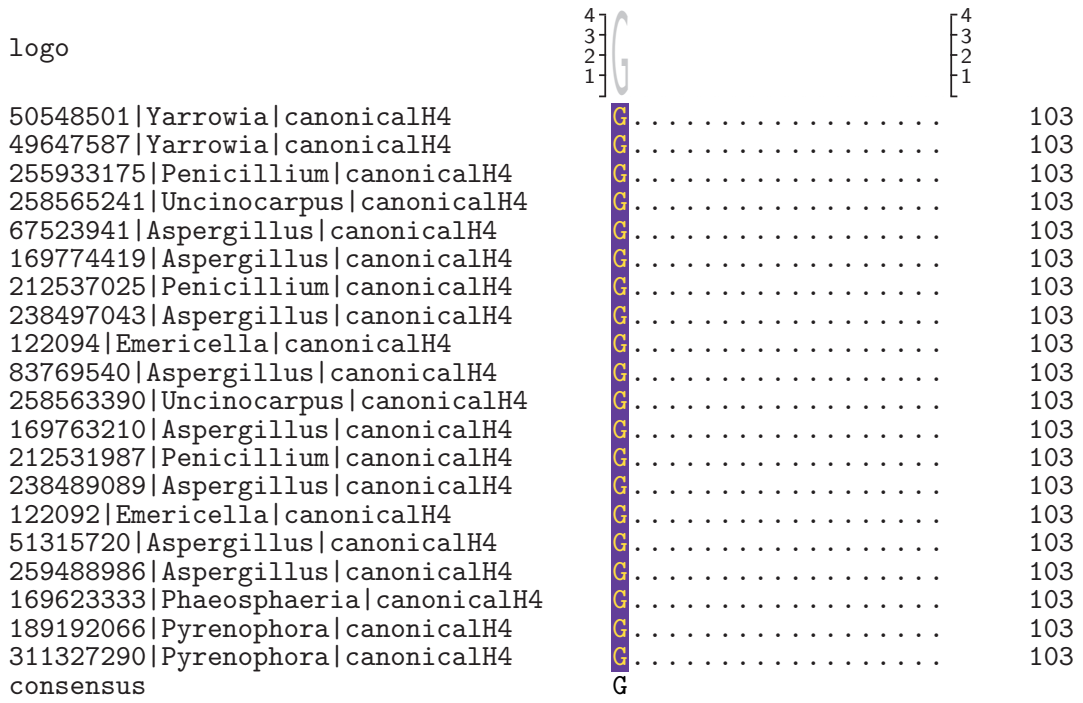


ⓧ non conserved  
✗ similar  
ⓧ ≥ 50% conserved  
ⓧ ≥ 80% conserved



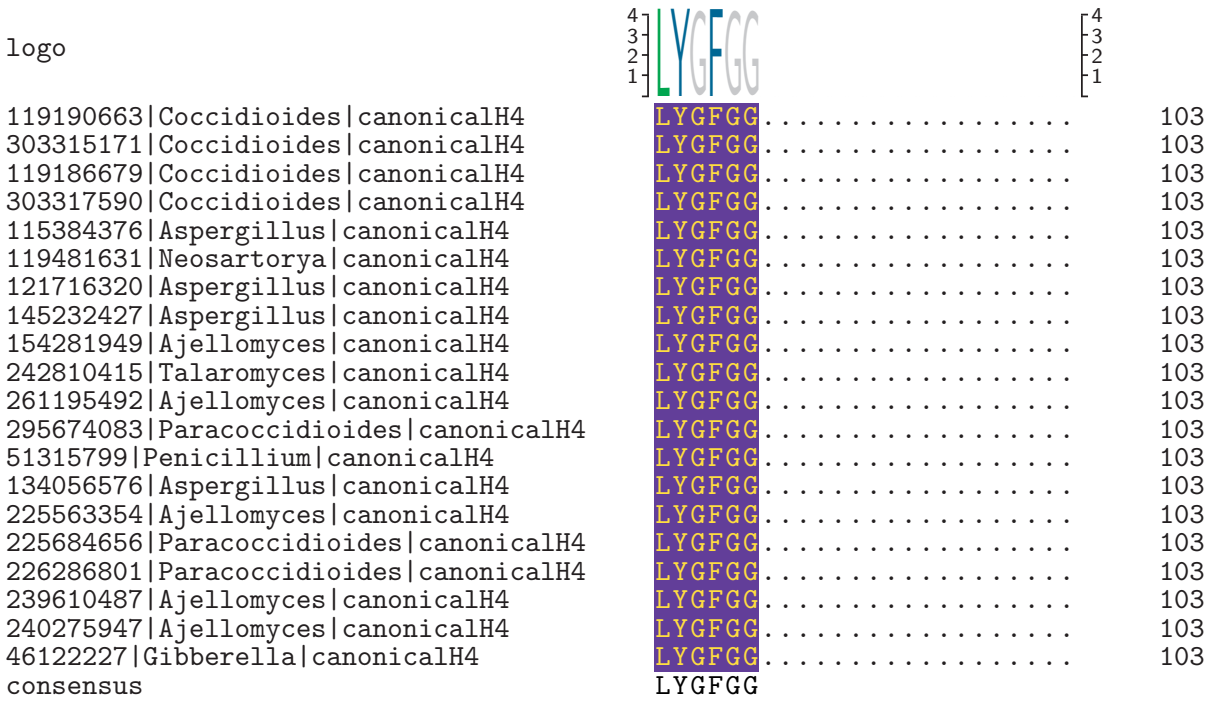
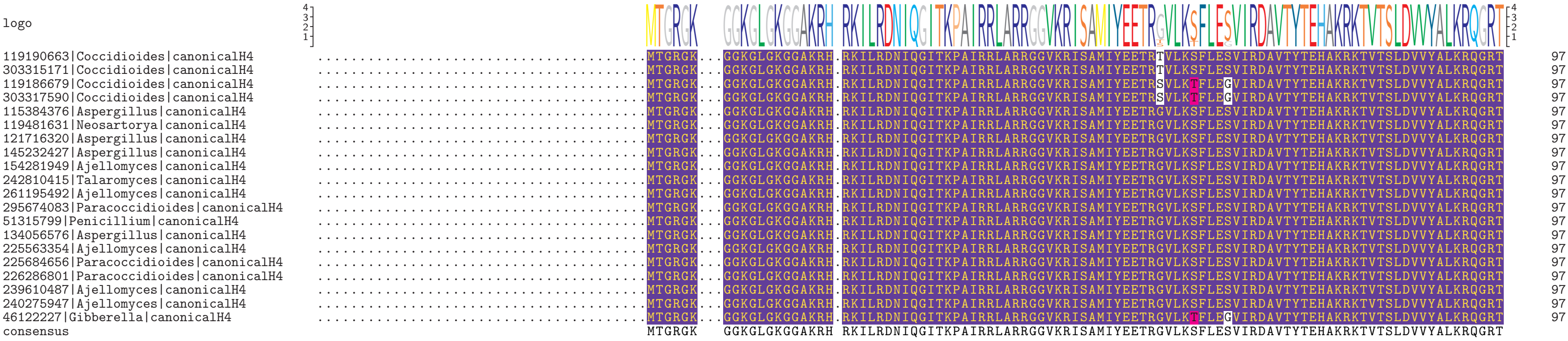


X	non conserved
X	similar
X	$\geq 50\%$ conserved
X	$\geq 80\%$ conserved

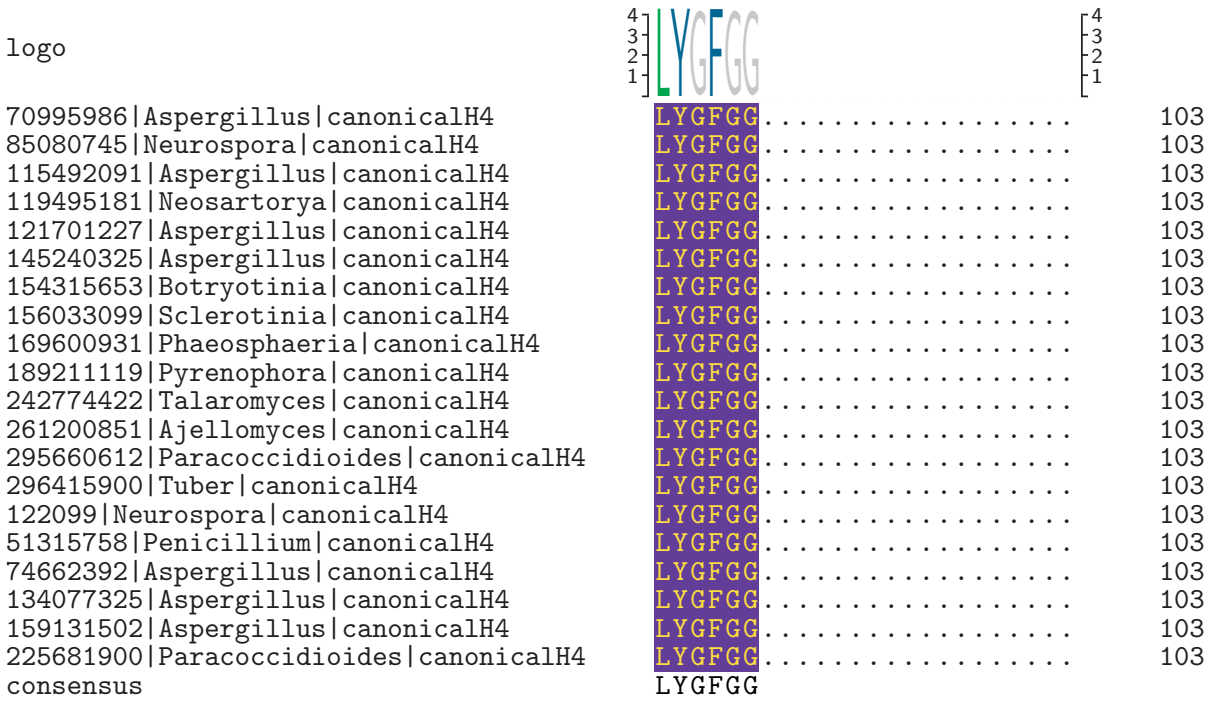
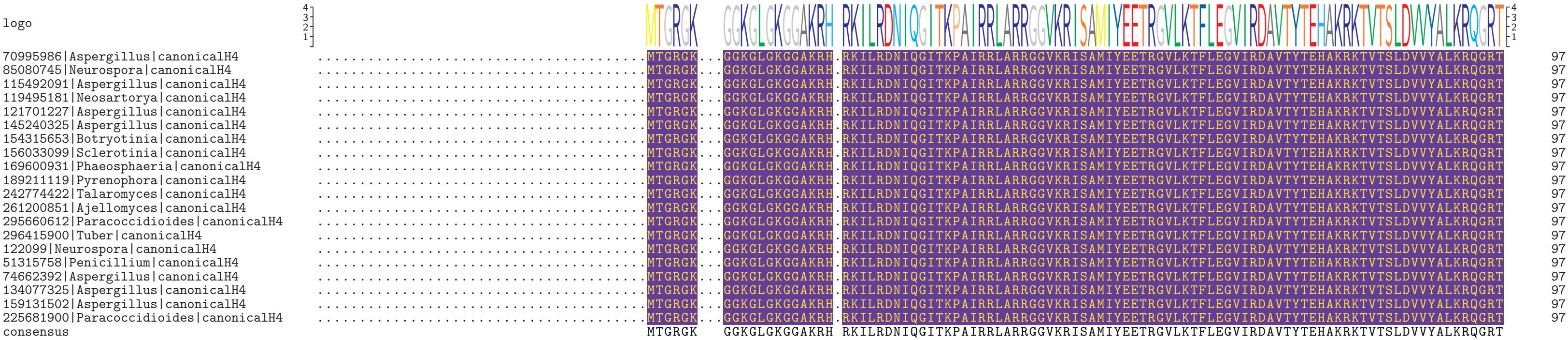


non conserved  
 similar  
 ≥ 50% conserved  
 ≥ 80% conserved

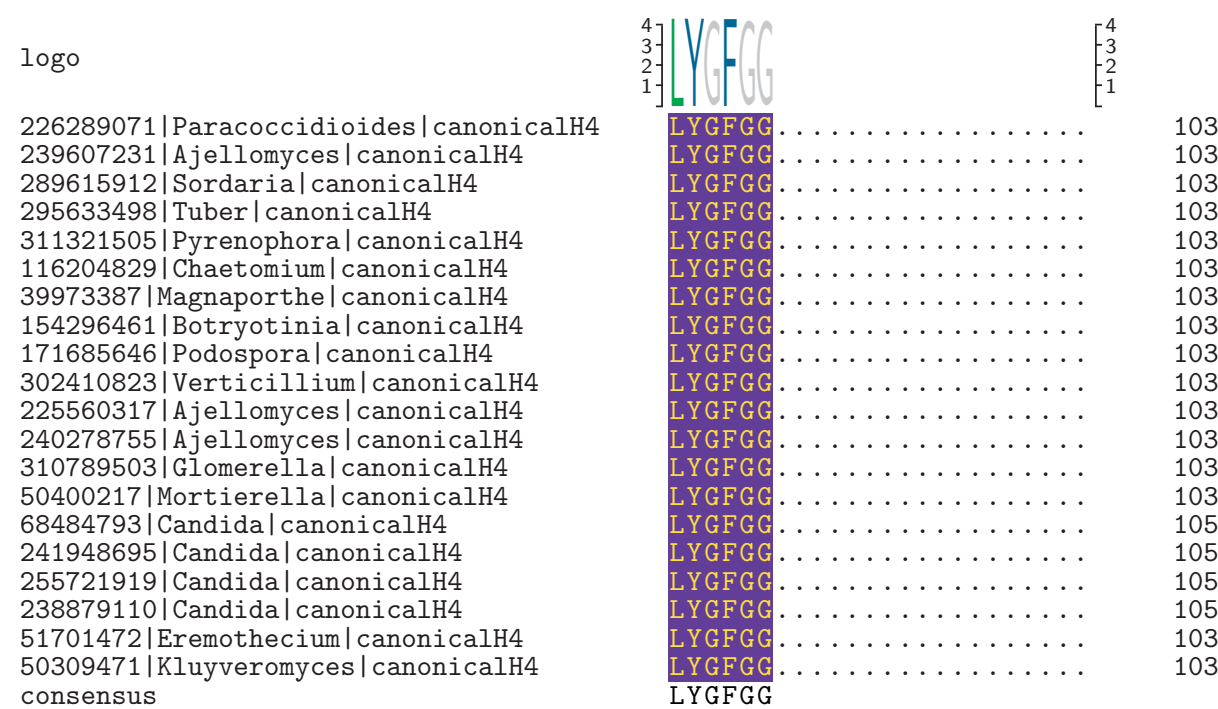
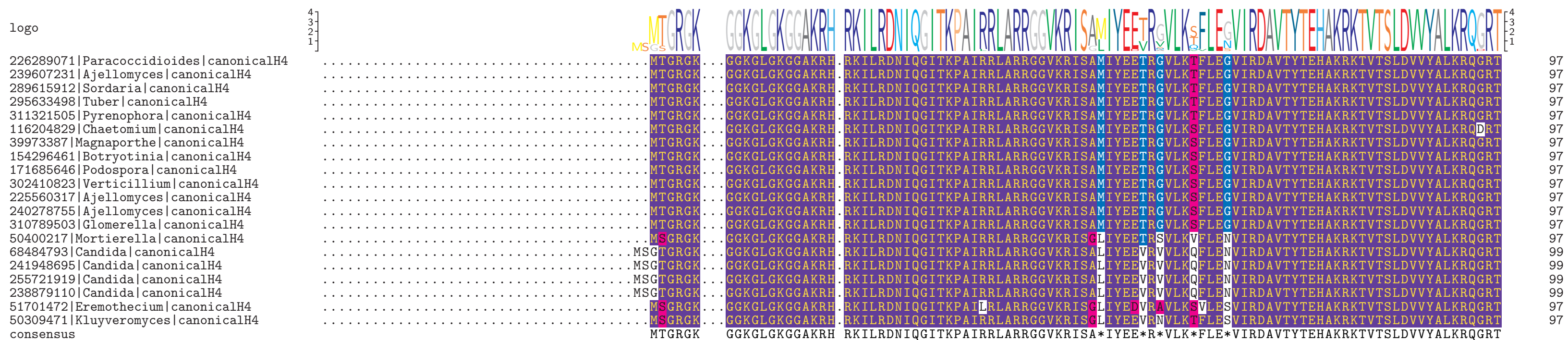




ⓧ non conserved  
✖ similar  
ⓧ ≥ 50% conserved  
ⓧ ≥ 80% conserved

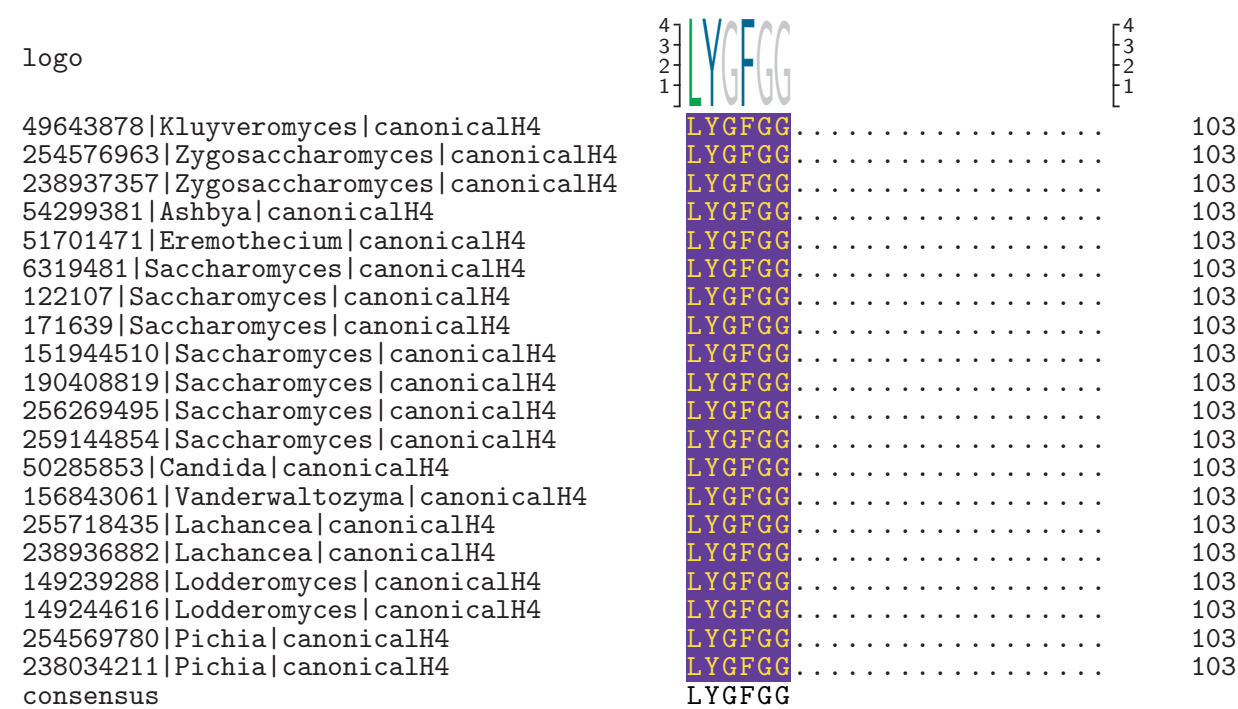
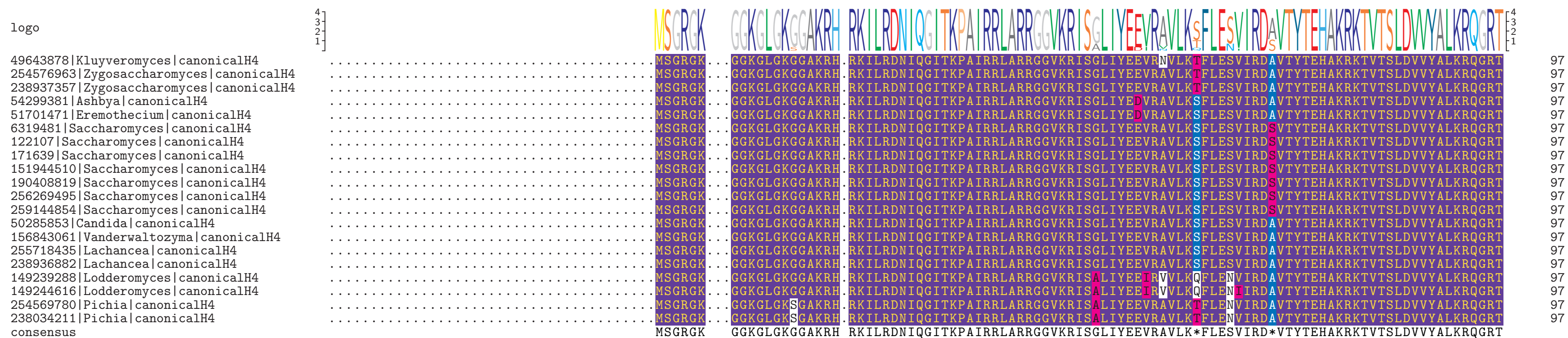






ⓧ non conserved  
✖ similar  
ⓧ ≥ 50% conserved  
ⓧ ≥ 80% conserved

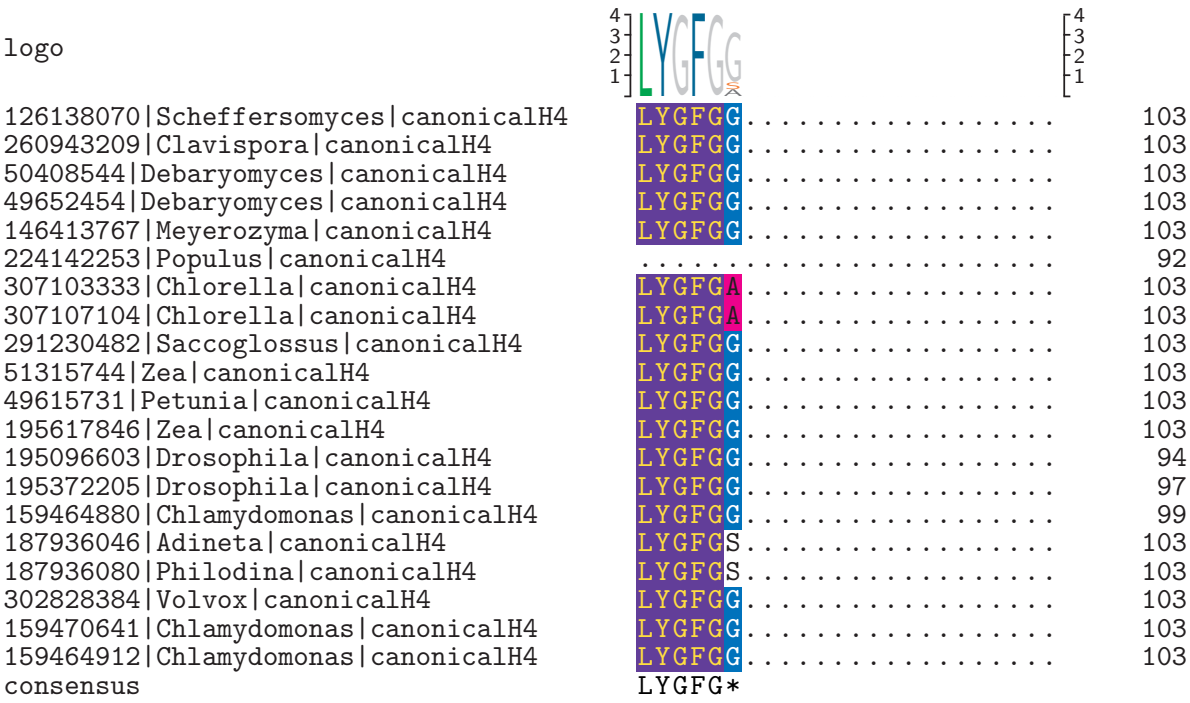
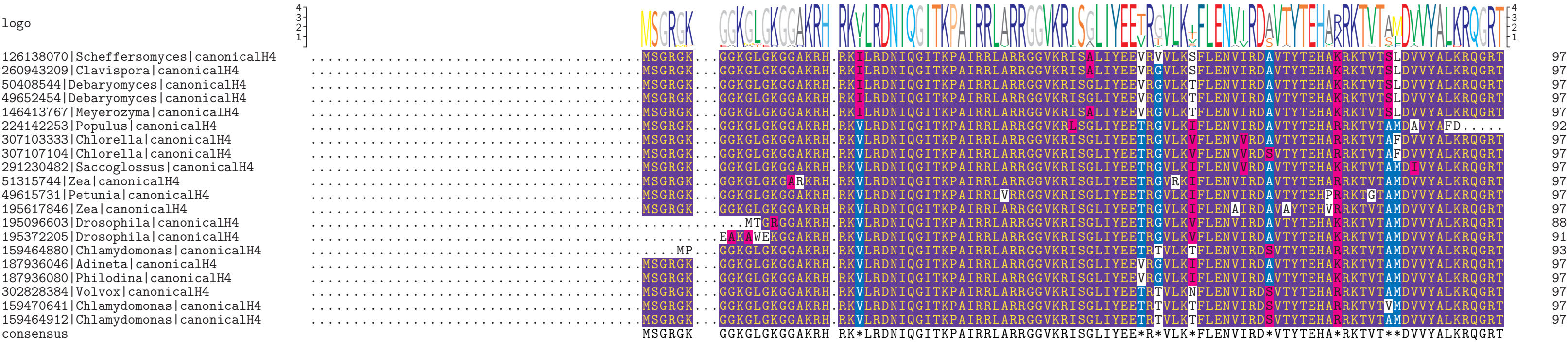


X	non conserved
X	similar
X	≥ 50% conserved
X	≥ 80% conserved

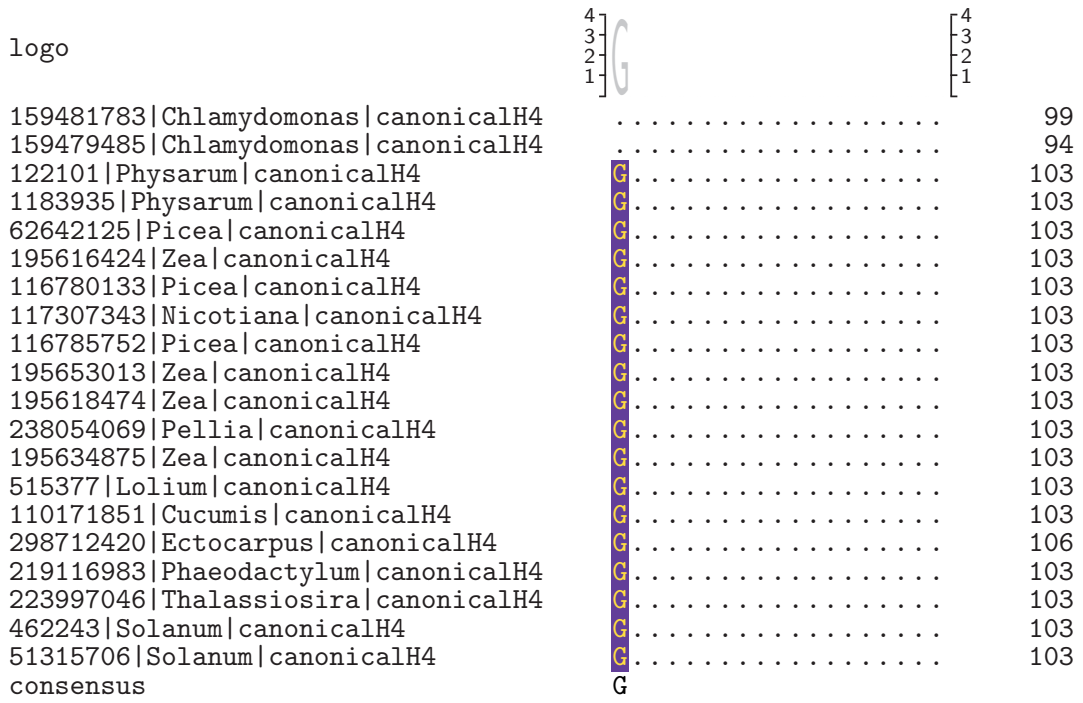
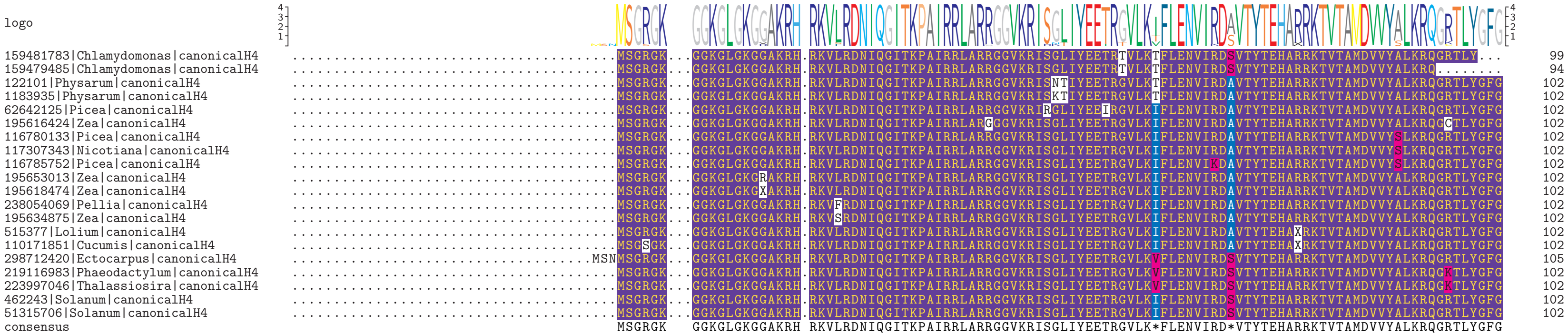




	non conserved
	similar
	≥ 50% conserved
	≥ 80% conserved

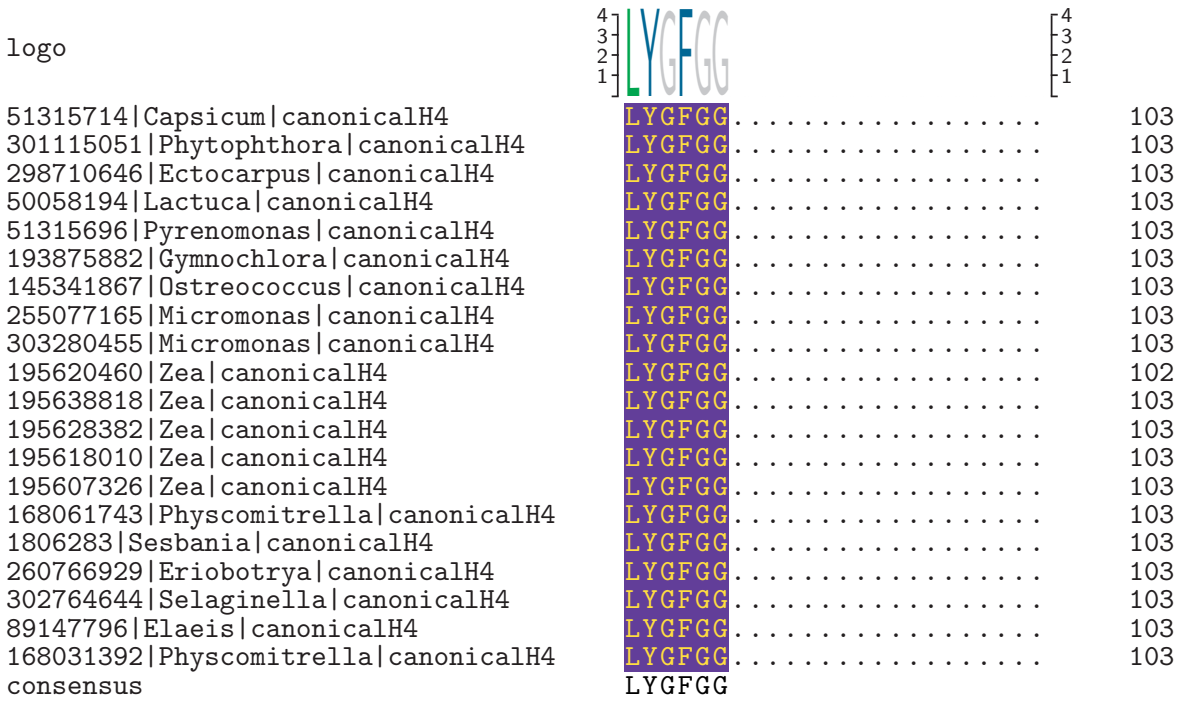
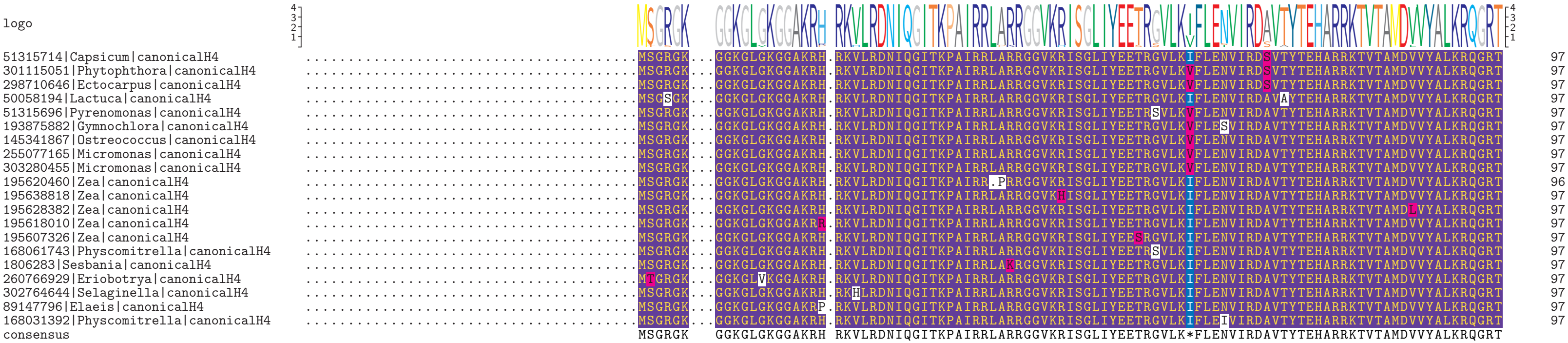


non conserved  
similar  
≥ 50% conserved  
≥ 80% conserved

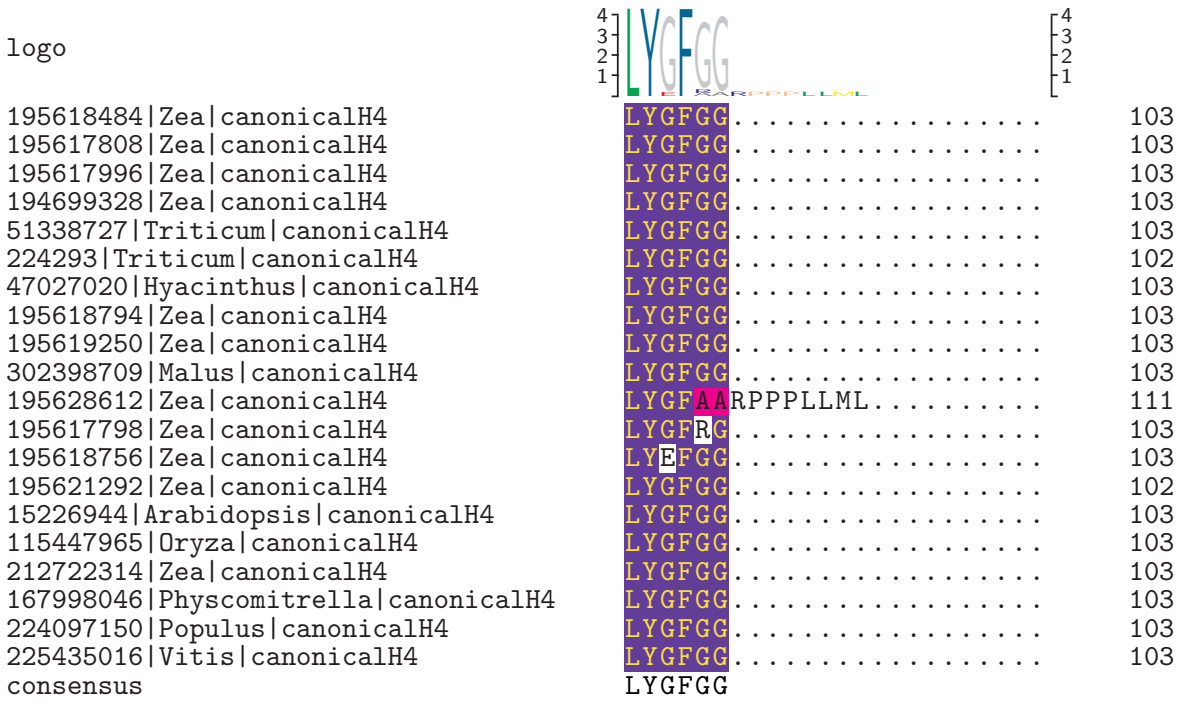
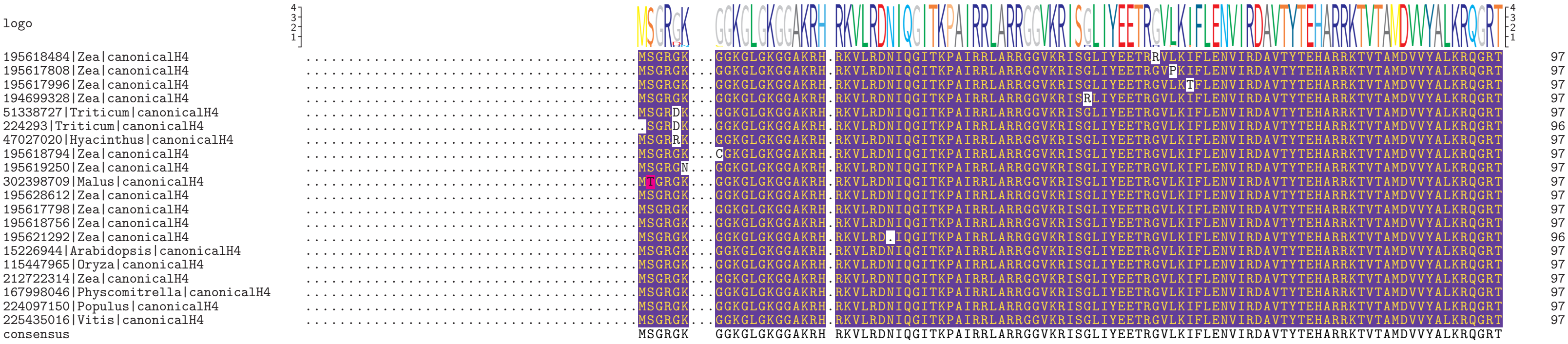


X non conserved  
X similar  
X ≥ 50% conserved  
X ≥ 80% conserved

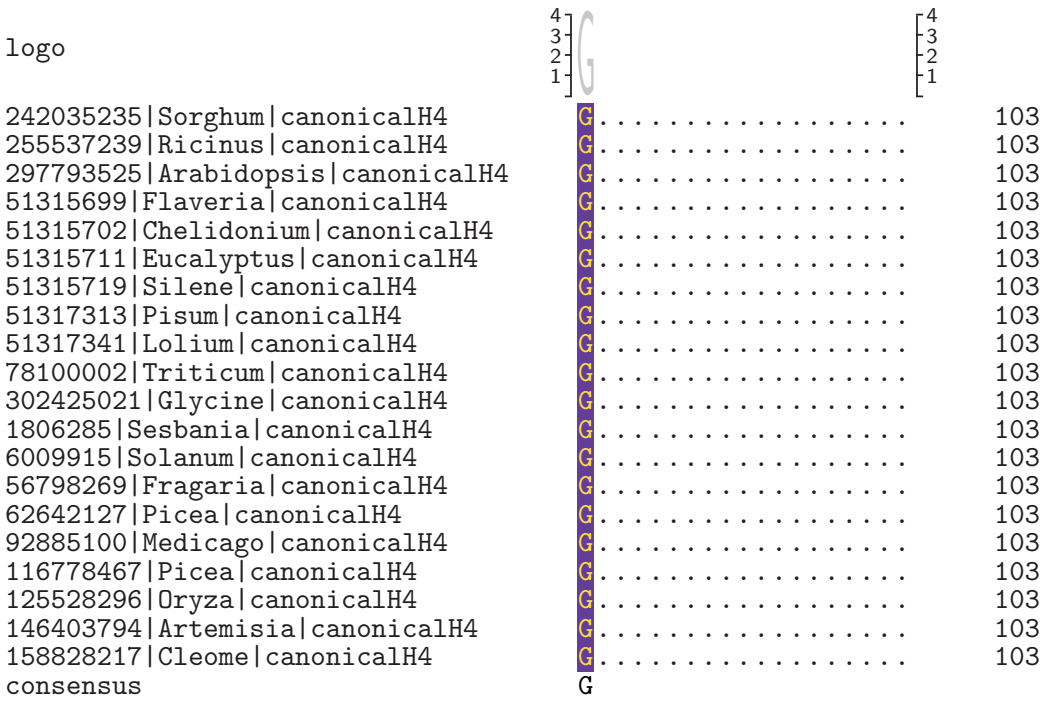
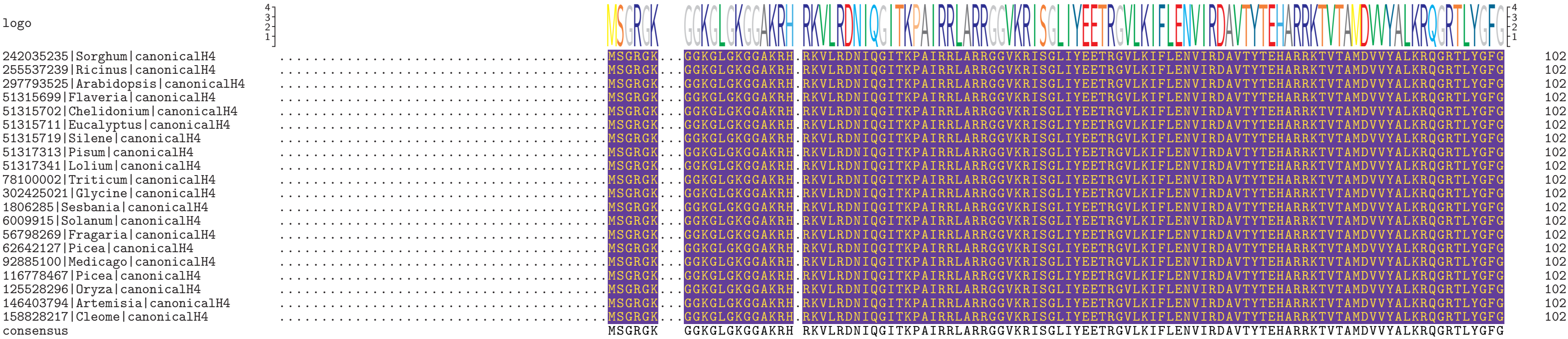




non conserved  
 similar  
 ≥ 50% conserved  
 ≥ 80% conserved

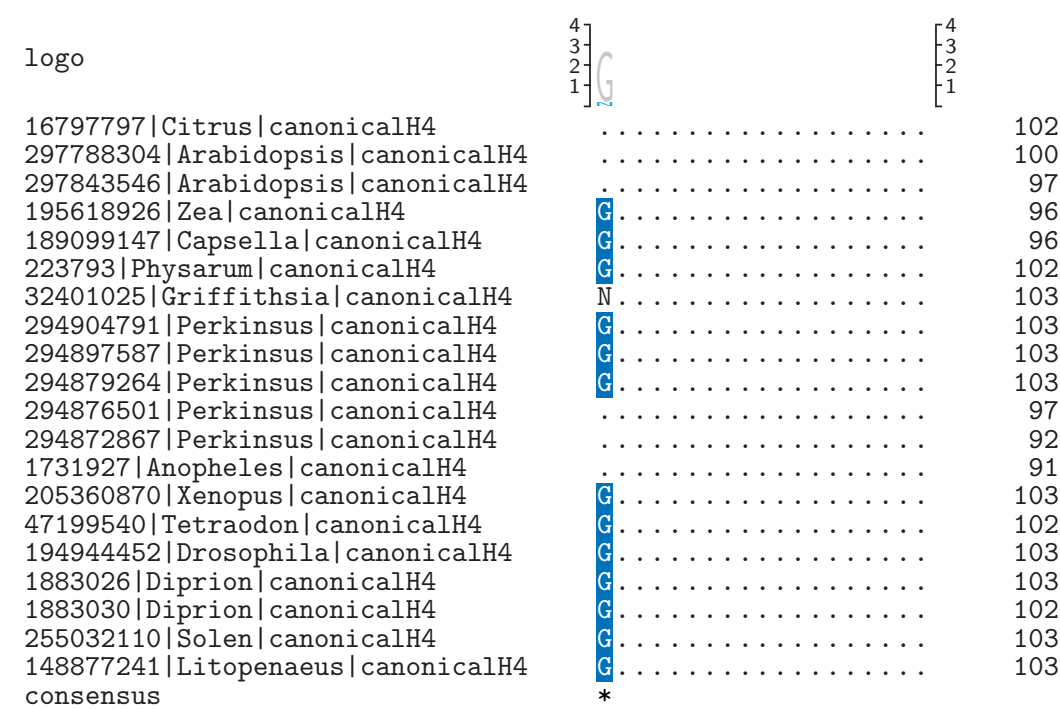
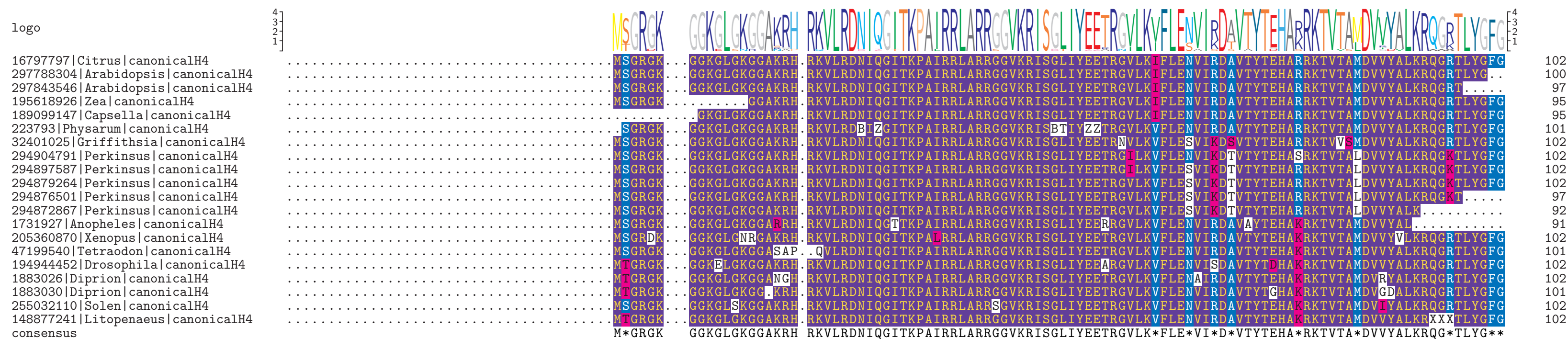


non conserved  
similar  
≥ 50% conserved  
≥ 80% conserved

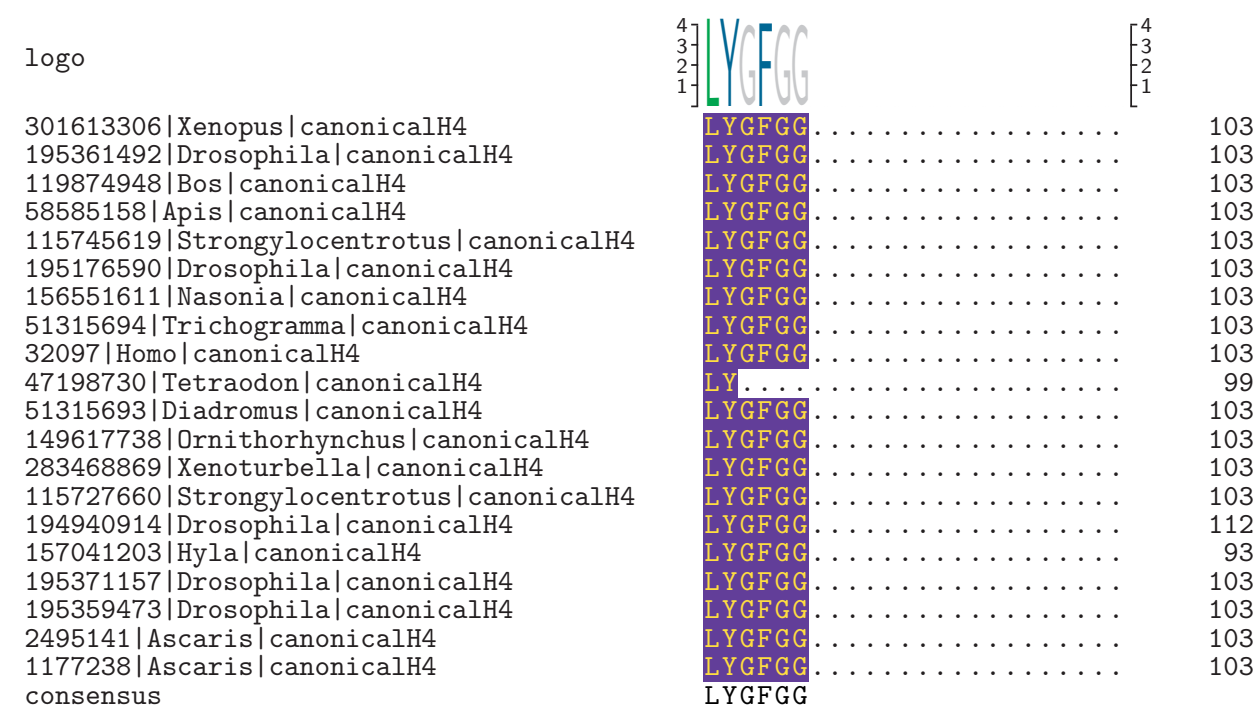
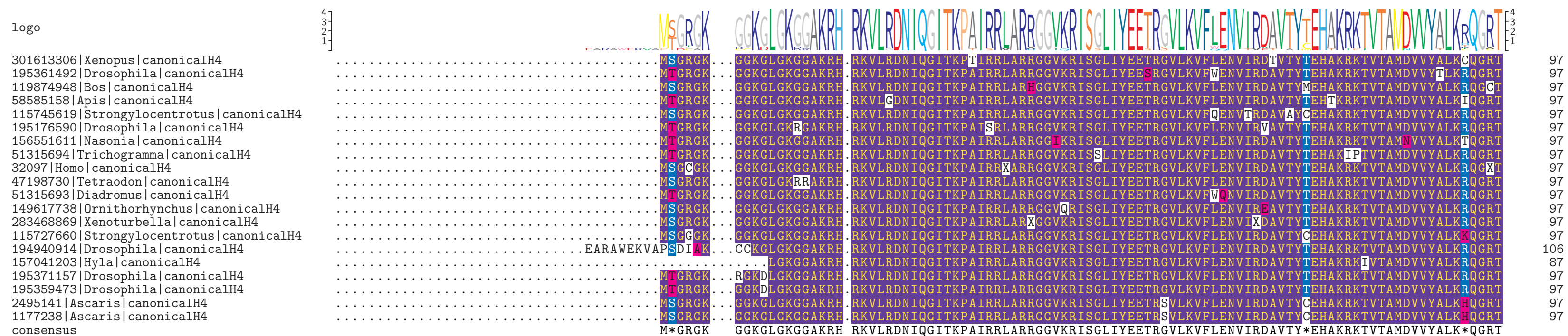


non conserved  
similar  
≥ 50% conserved  
≥ 80% conserved

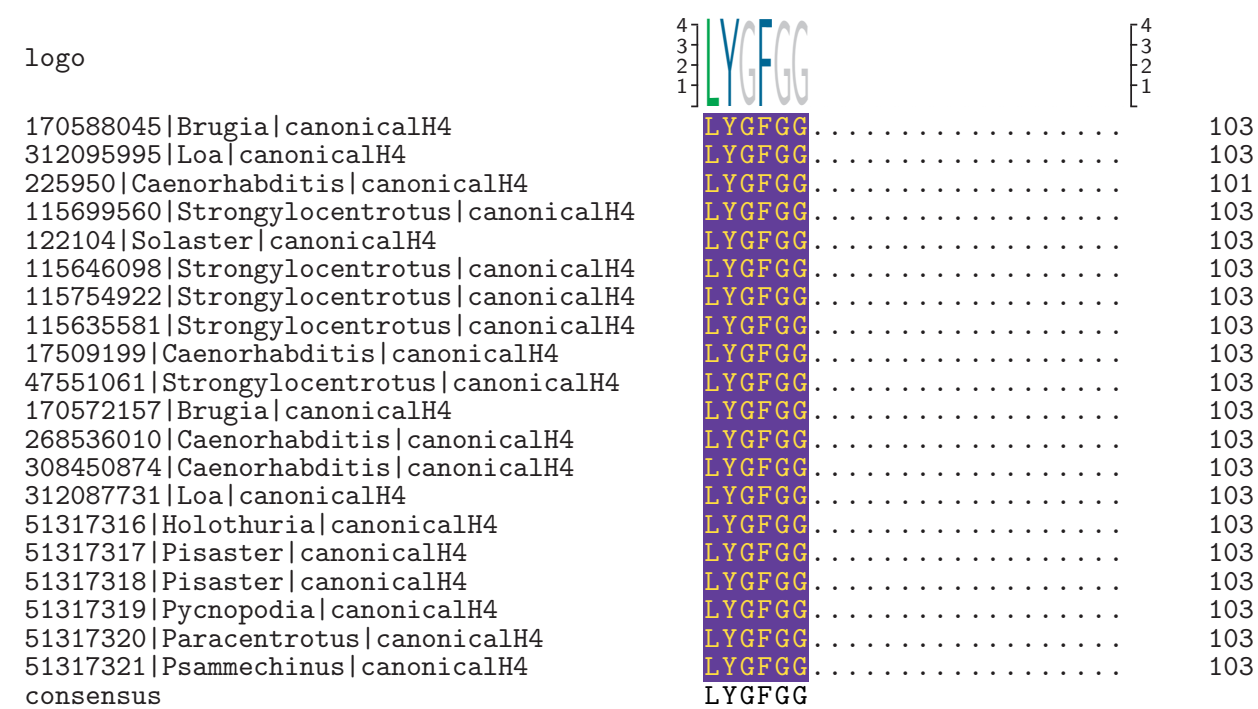
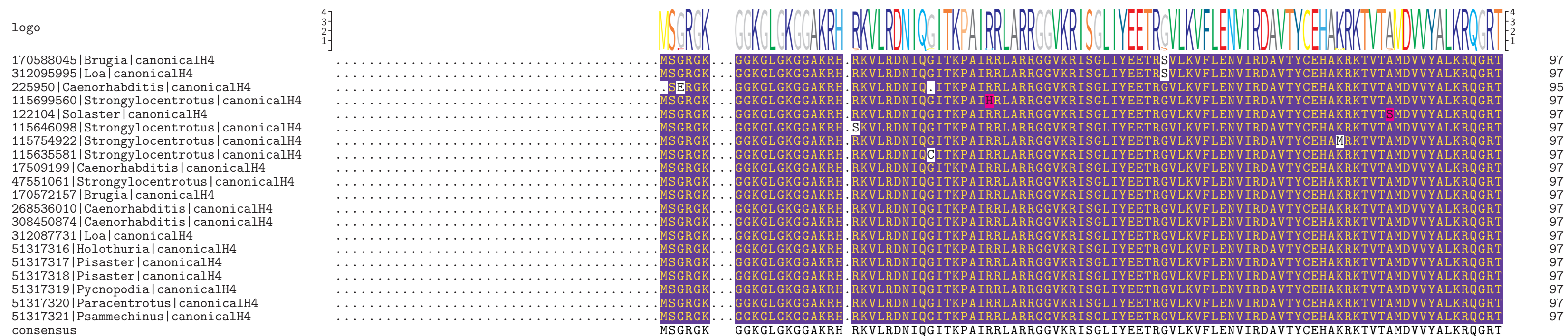




X	non conserved
X	similar
X	$\geq 50\%$ conserved
X	$\geq 80\%$ conserved

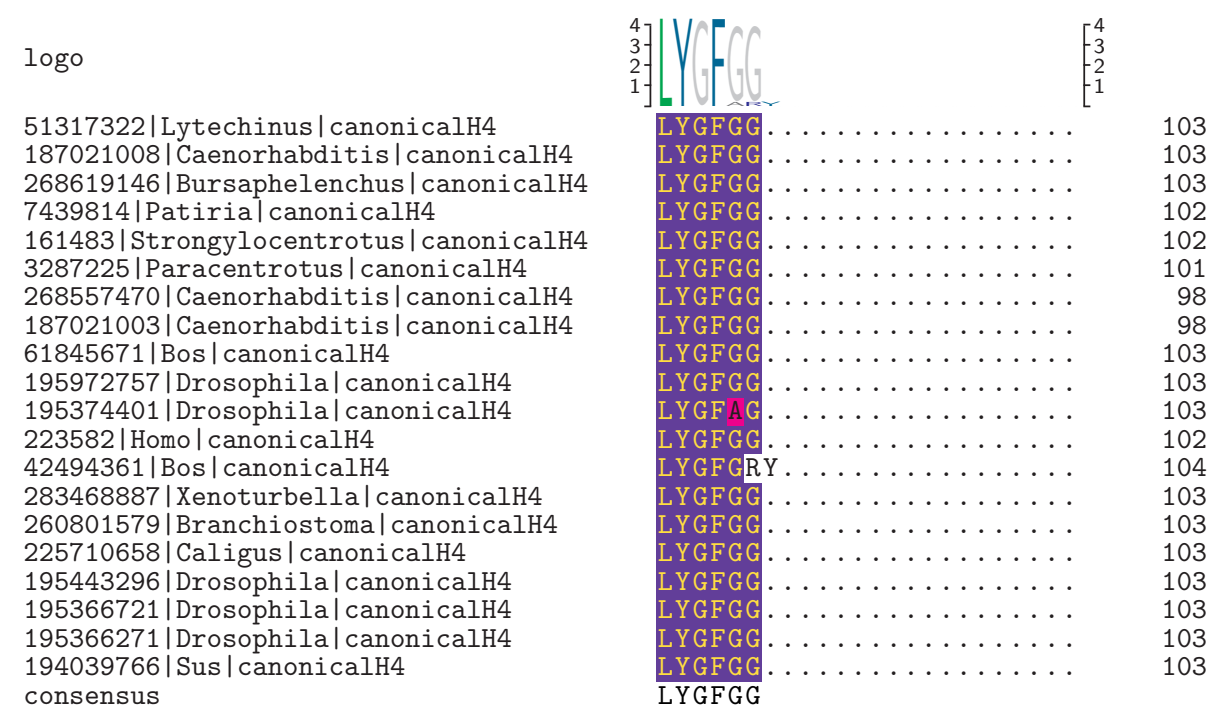
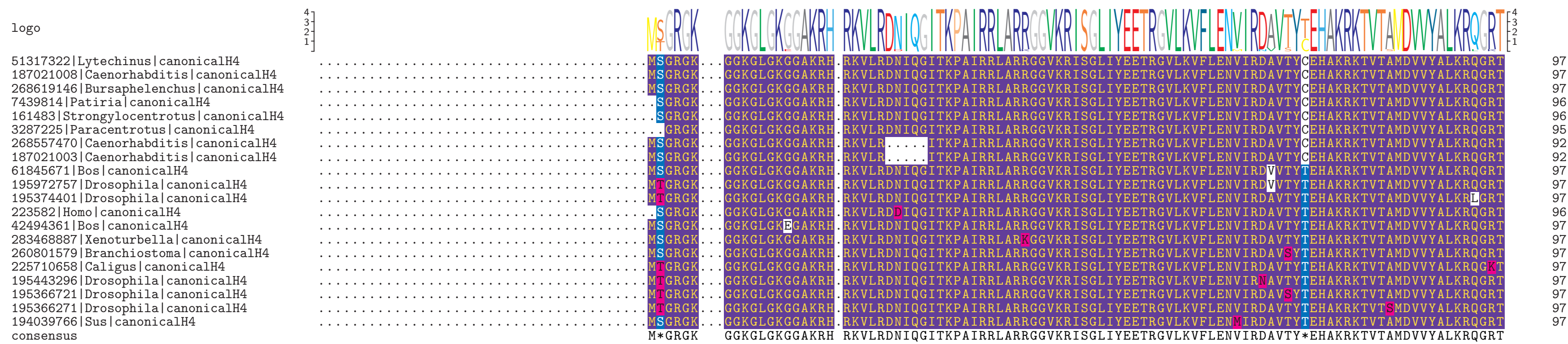


X	non conserved
X	similar
X	≥ 50% conserved
X	≥ 80% conserved

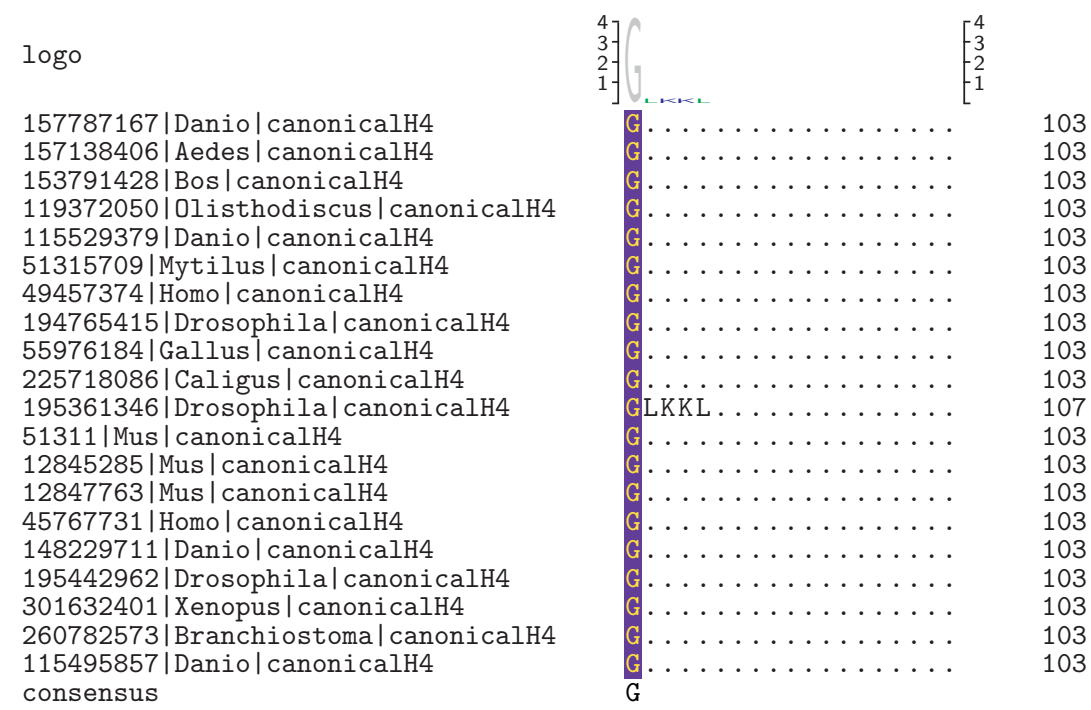
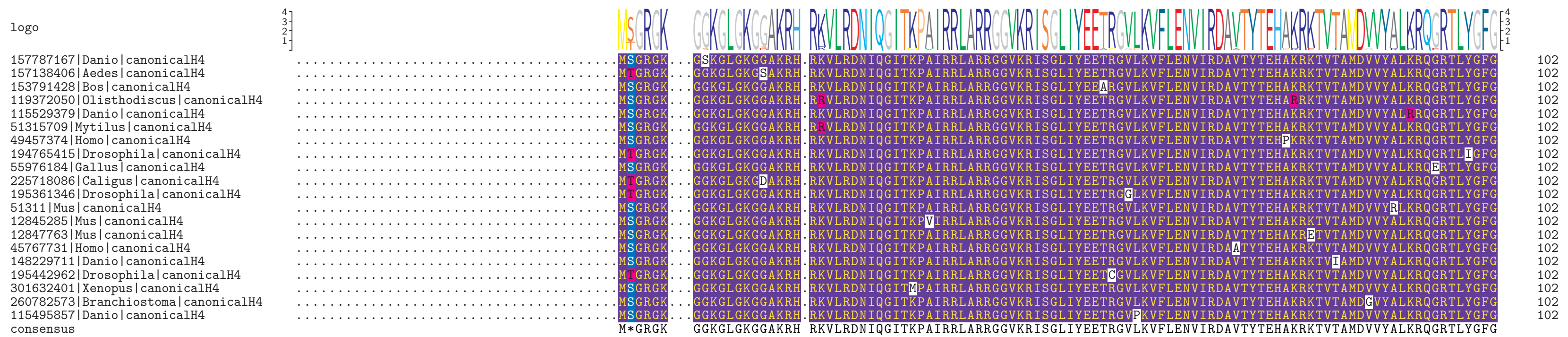


X	non conserved
X	similar
X	≥ 50% conserved
X	≥ 80% conserved

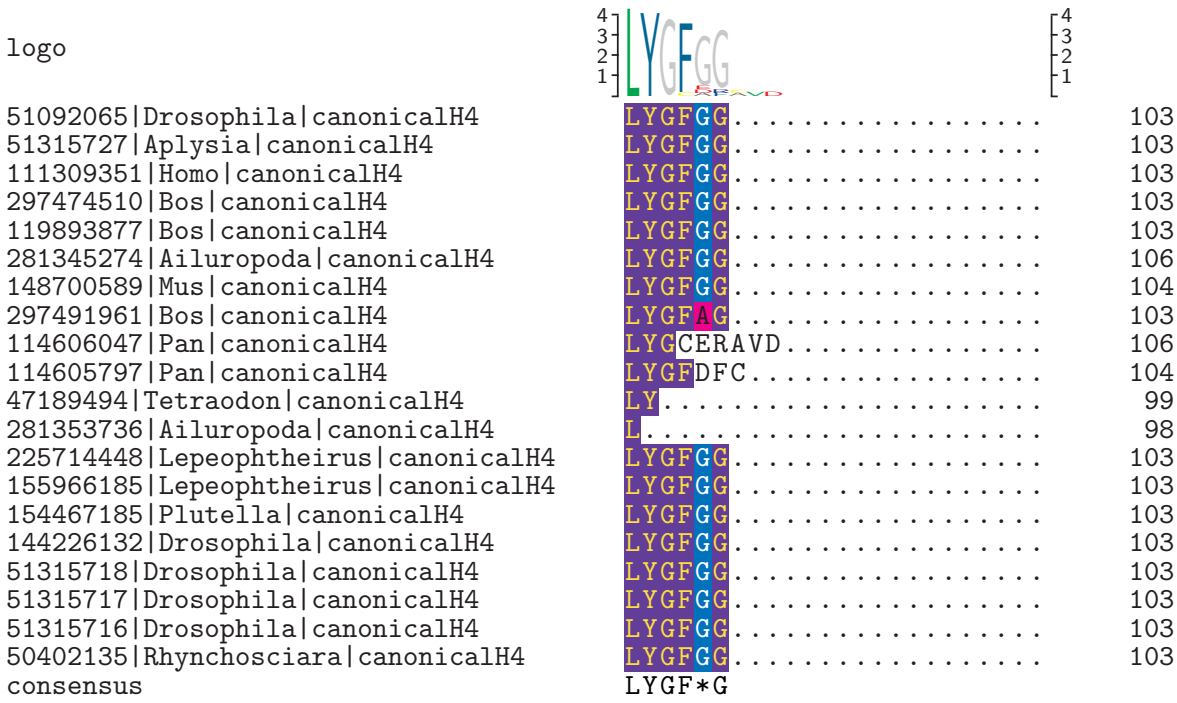
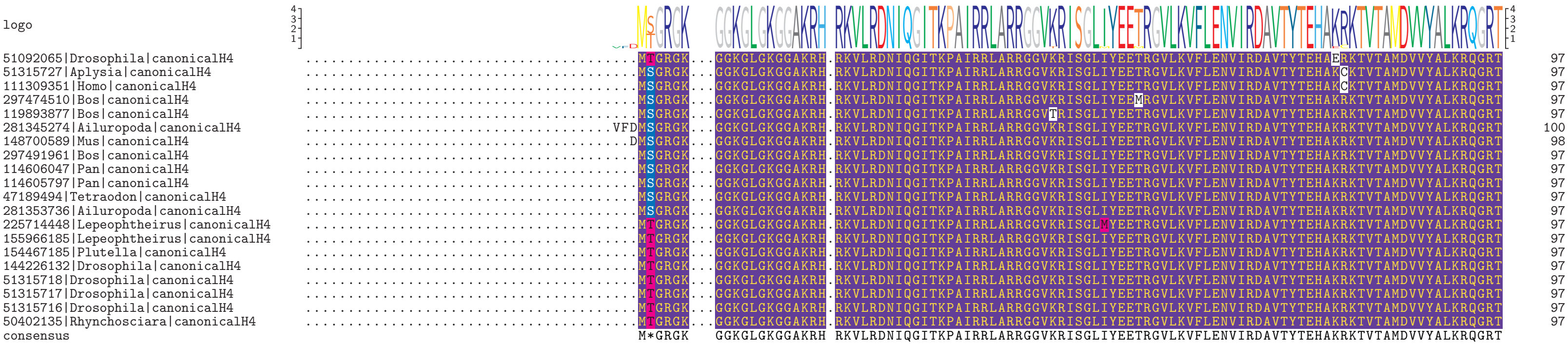




X	non conserved
X	similar
X	$\geq 50\%$ conserved
X	$\geq 80\%$ conserved

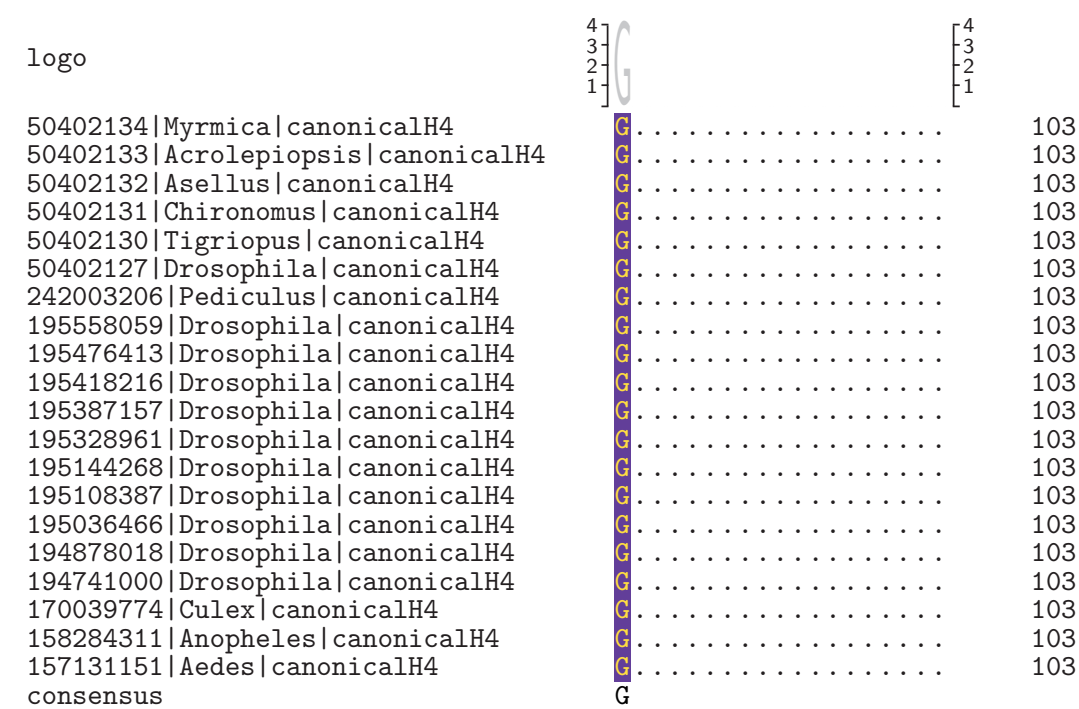


X	non conserved
X	similar
X	$\geq 50\%$ conserved
X	$\geq 80\%$ conserved

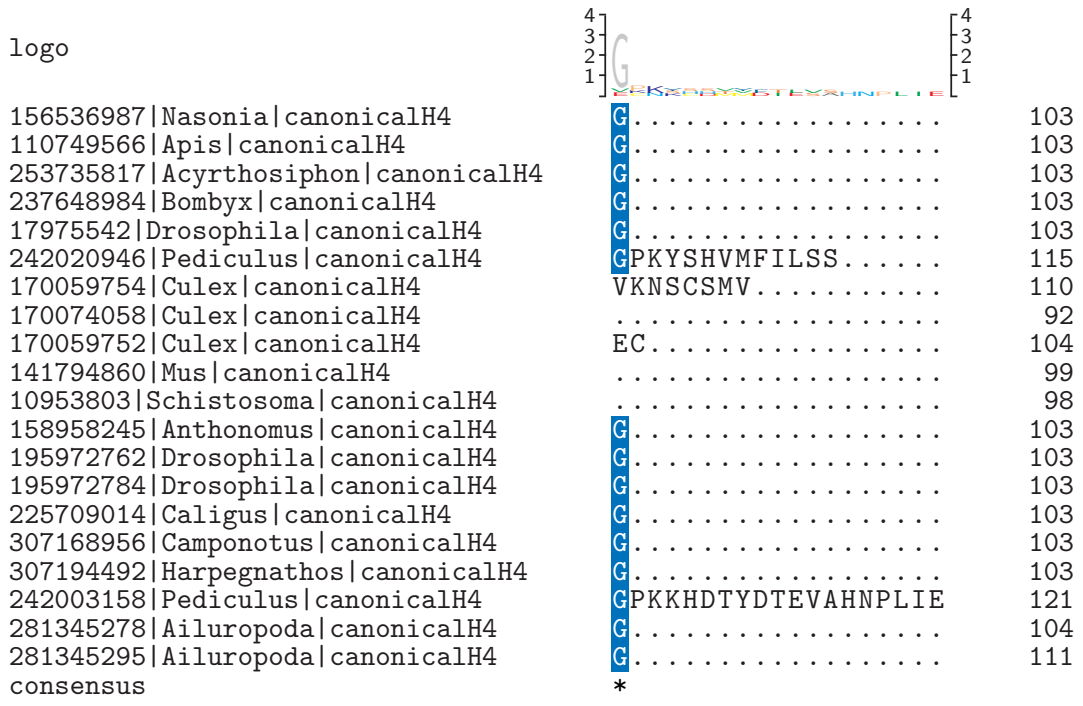
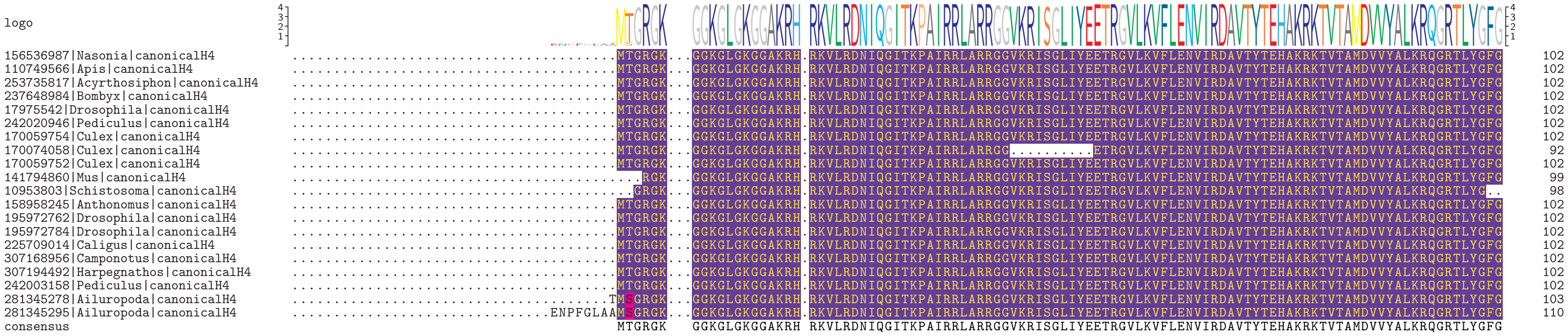


non conserved  
similar  
≥ 50% conserved  
≥ 80% conserved

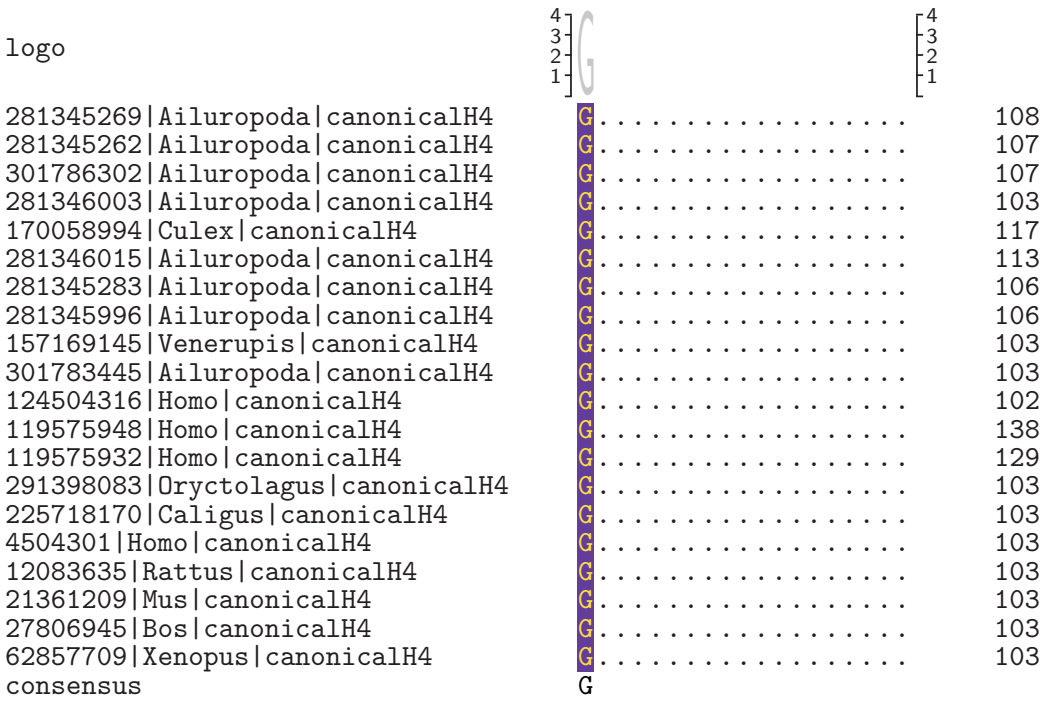
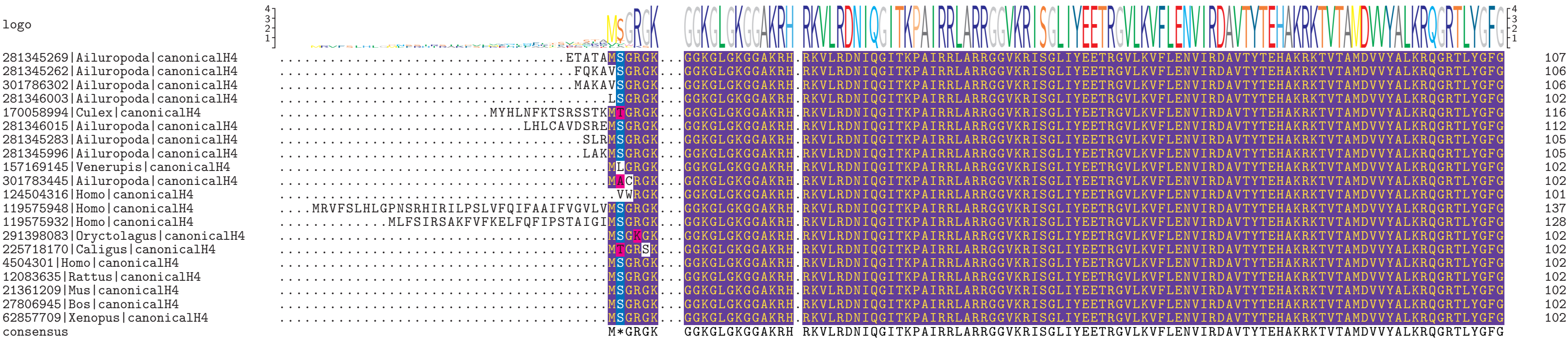




X	non conserved
X	similar
X	$\geq 50\%$ conserved
X	$\geq 80\%$ conserved

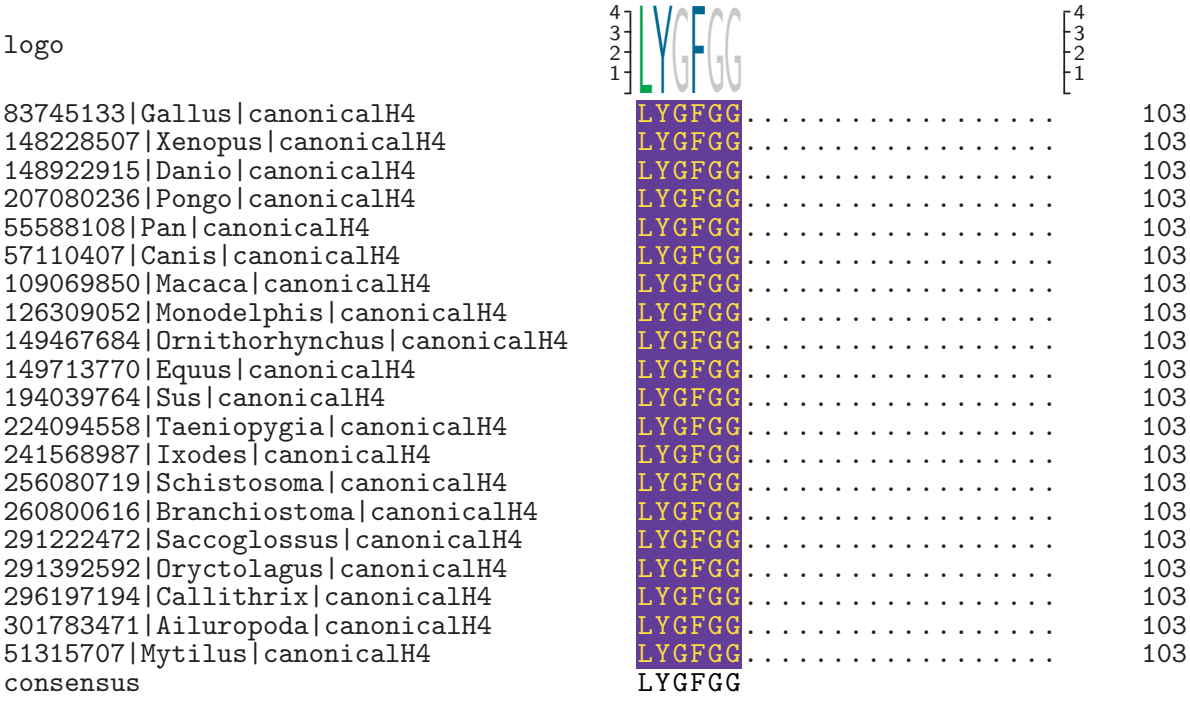
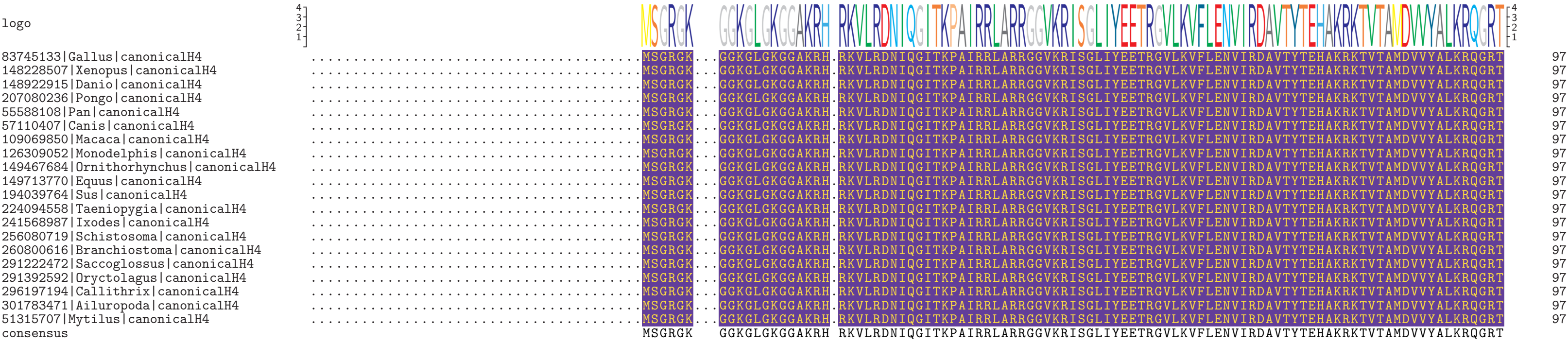


non conserved  
 similar  
 ≥ 50% conserved  
 ≥ 80% conserved

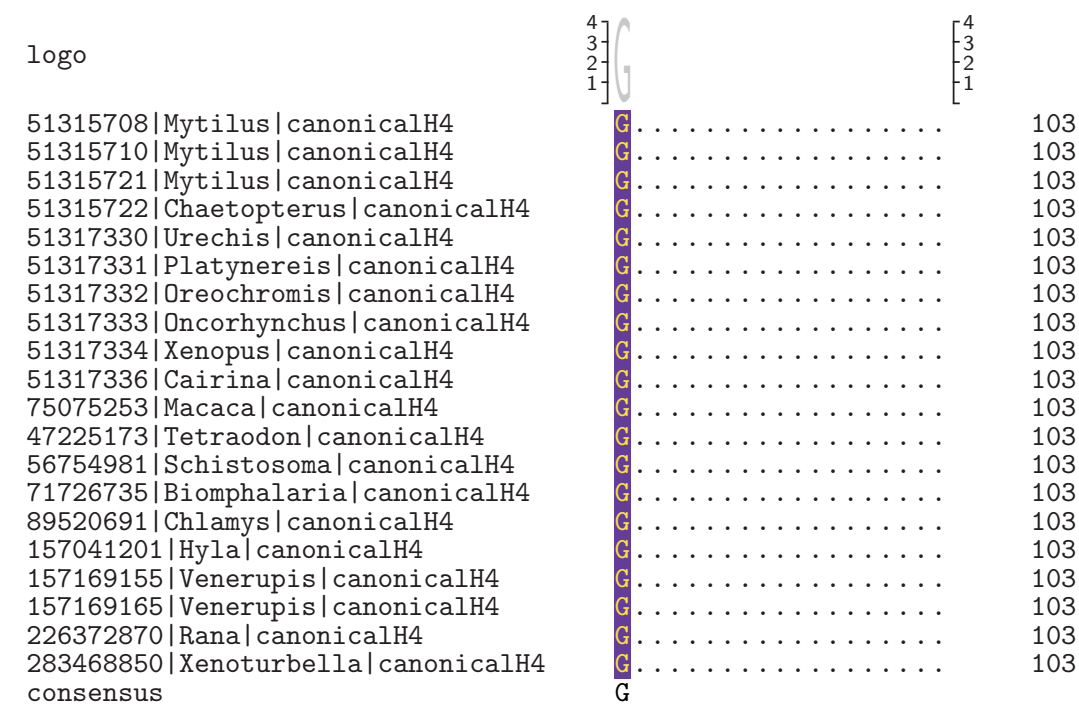


non conserved  
similar  
≥ 50% conserved  
≥ 80% conserved

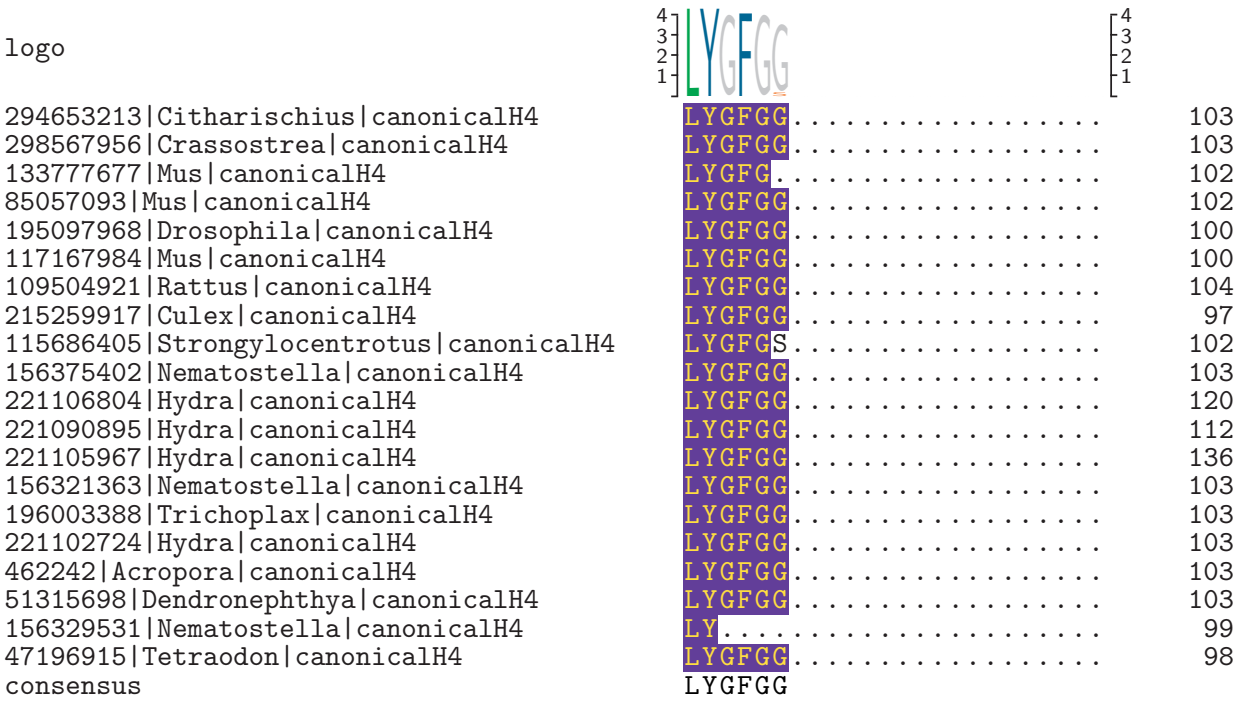
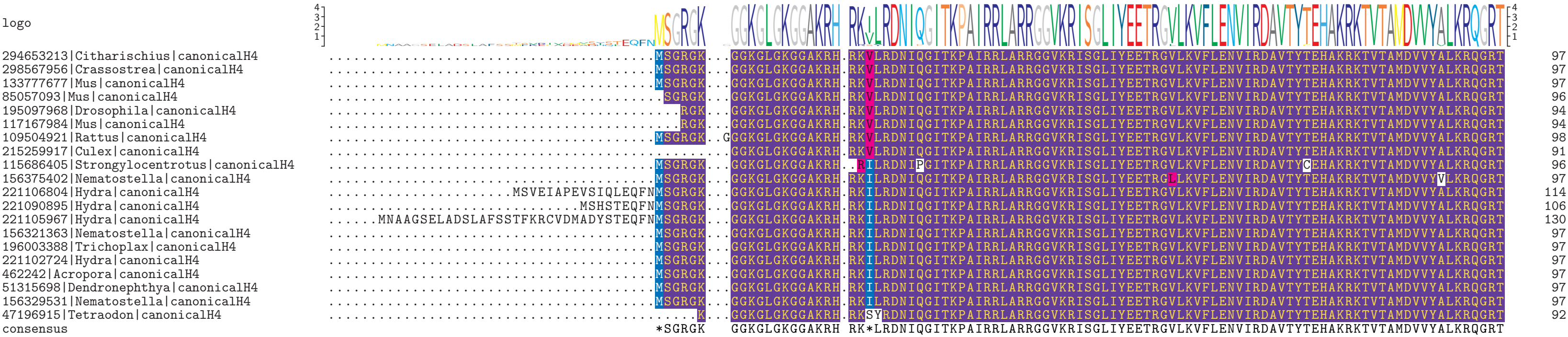




non conserved  
similar  
≥ 50% conserved  
≥ 80% conserved

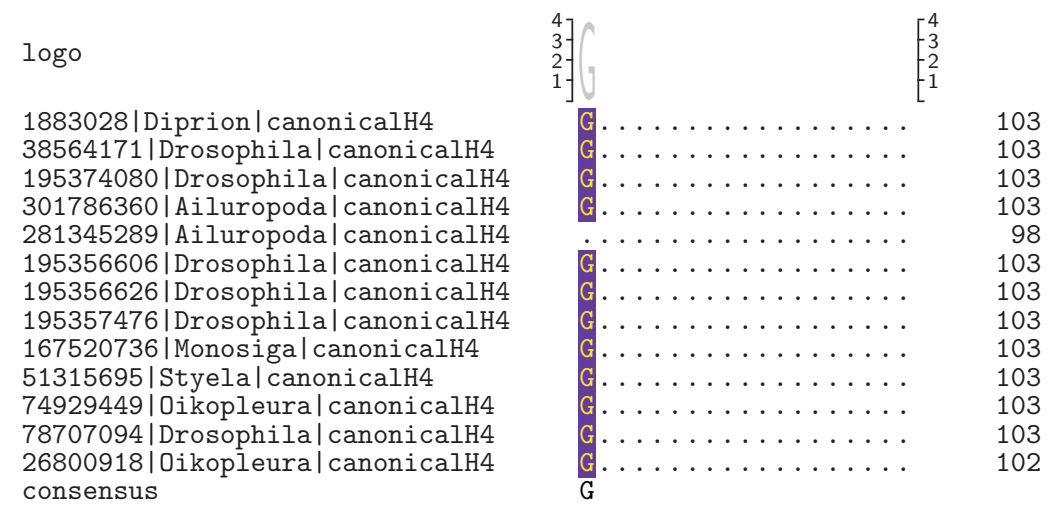
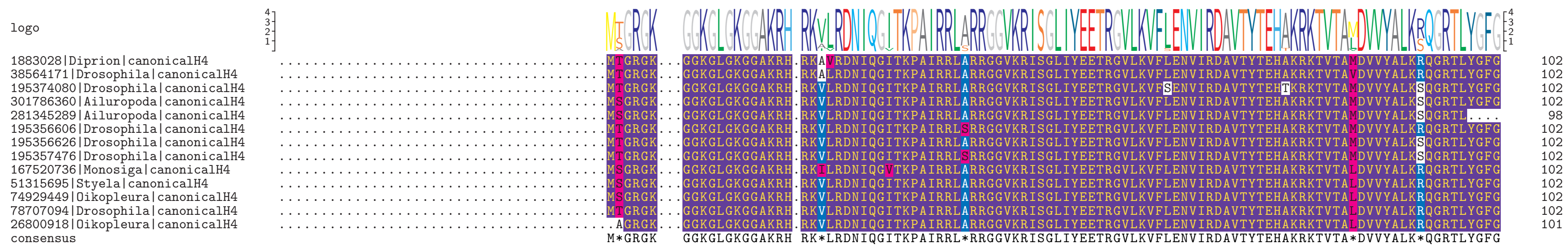


X	non conserved
X	similar
X	$\geq 50\%$ conserved
X	$\geq 80\%$ conserved



ⓧ non conserved  
ⓧ similar  
ⓧ ≥ 50% conserved  
ⓧ ≥ 80% conserved





X	non conserved
X	similar
X	$\geq 50\%$ conserved
X	$\geq 80\%$ conserved