

Additional Table 1: Number of identical BLASTX hits of different combination of groups after the keyword search.

Group(s)	Number of equal BLASTX hits
<i>c cms cs ms</i>	1
<i>cm ms</i>	1
<i>cms cs ms s</i>	1
<i>c cm cms cs m s</i>	1
<i>cs m</i>	1
<i>c cm cms s</i>	1
<i>c cm cms m</i>	1
<i>c cms cs m s</i>	1
<i>c cm</i>	1
<i>cms cs ms</i>	1
<i>m s</i>	1
<i>cm cms s</i>	1
<i>cms cs m s</i>	1
<i>cm cms ms</i>	1
<i>c cms ms</i>	1
<i>c cm cms cs m ms s</i>	1
<i>c s</i>	1
<i>cm s</i>	1
<i>cms m s</i>	2
<i>c cms cs</i>	2
<i>c cm cms cs</i>	2
<i>c cm cms m ms s</i>	2
<i>c cm cms</i>	2
<i>cm cms m</i>	2
<i>m ms</i>	2
<i>c cms cs s</i>	3
<i>c cms s</i>	3
<i>cms cs m</i>	3
<i>cms ms s</i>	4
<i>cs s</i>	4
<i>ms</i>	4
<i>cm cms cs</i>	5
<i>cms cs s</i>	8
<i>cms m</i>	9
<i>cms ms</i>	13
<i>m</i>	14
<i>cm cms</i>	17
<i>cm</i>	19
<i>cs</i>	20
<i>s</i>	21
<i>c</i>	24
<i>cms s</i>	27
<i>cms cs</i>	29
<i>c cms</i>	30
<i>cms</i>	557

Number of equal BLASTX hits (only results from the keyword search are considered) of isotigs (non-singleton PUTs) from different set(s) of groups (see Figure 3). In the not listed combinations of sets, there were no equal BLASTX hits. *c* = control, *m* = mild stress, *s* = severe stress, *cm* = control and mild stress, *cs* = control and severe stress, *ms* = mild and severe stress, *cms* = control, mild and severe stress.