

Barley HM1 MAEFGKGTGSNGGRGVRAACVTGGAGFIGSWLVRKLLLEAGYTVHATLRSIGDEGKAGLLRG
Maize HM1 MAEK----SNG---VRVCVTGGAGFIGSWLVRKLLLEKGYTVHATLRNTGDEAKAGLLRR

Barley HM1 LVPGGAPPERLVLFEDIYDAASFAPAIAGCHFVFLVANPSAHEAAASKYKTSADAATDA
Maize HM1 LVPG--AAERLRLRFQADLFDAATFAPAIAGCQFVFLVATPFGLDSAGSQYKSTAEAVVDA

Barley HM1 VRVILRLCAESRTVKRVIHTASVTAASPLTKSSSAAAAY-YGDFISESCWTLLDVNYPLR
Maize HM1 VRAILRQCEESRTVKRVIHTASVAASPLLEEEVSASGVGYRDFIDESCWTSLNVDYPLR

Barley HM1 SVHFDKYIESKVLSEKELLSYNDGESPAFEVVTLPPLGLVGGNTVLGYLPETMESVVAPVT
Maize HM1 SAHFDKYILSKLRSEQELLSYNGGESPAFEVVTLPPLGLVAGDTVLGRAPETVESAVAPVS

Barley HM1 KQEPFCFMLPRILQRLLGSVPLVHVDDVCAALIFCMEQ-PALSGRFLCAAAYPTIHDILDH
Maize HM1 RSEPCFGLLRILQQLLGSPLVHVDDVCDALVFCMERRPSVAGRFLCAAAYPTIHDVVAH

Barley HM1 YGSKYPHLDLLRETDEVARVQPDKNKLGELGFYKYGLKEILDESIDCAVRLGSLDASKL
Maize HM1 YASKFPHLDILKETEA VATVRPARDRLGELGFKYKYGMEEILDSVACARLGSLDASKL

Barley HM1 IVQQG
Maize HM1 GLQKG