

MDVVLPEAVVTGGSVIGDYGFNVD PFLVEALHNSRHRLTILRMELDVQRLLQNPEQQQFEFQHFPTSYL
 10 20 30 40 50 60 70

Hs-0 MDVVLPEAVGVGGSVIGDNGFNVD PFLVEALHNSRHRLTILRMELDVQRLLQNPEQQQFEFQHFPTSYL 70
 Alc-0 MDVVLPEAVVTGGSVIGDNGFNVD PFLVEALHNSRHRLTILRMELDVQRLLQNPEQQQFEFQHFPTSYL 70
 MF-Che-2 MDVVLPEAVGVGGSVIGDYGFNVD PFLVEALHNSRHRLTILRMELDVQRLLQNPEQQQFEFQHFPTSYL 70
 Col-0 MDVVLPEAVVTGGSVIGDYGFNVD PFLVEALHNSRHRLTILRMELDVQRLLQNPEQQQFEFQHFPTSYL 70
 T1110 MDVVLPEAVVTGGSVIGDYGFNVD PFLVEALHNSRHRLTILRMELDVQRLLQNPEQQQFEFQHFPTSYL 70
 Gr-5 MDVVLPEAVVTGGSVIGDYGFNVD PFLVEALHNSRHRLTILRMELDVQRLLQNPEQQQFEFQHFPTSYL 70

RLAAHRVANHYGLATAVQESGADGNENRILVTKTTESKFPVAVRLSEIPVAKQSENGKFESXKVSIKTRPS
 80 90 100 110 120 130 140

Hs-0 RLAAHRVANHYGLATAVQESGADGNENRILVTKTTESKFPVAVRLSEIPVAKQSENGKFESXKVSIKTRPS 140
 Alc-0 RLAAHRVANHYGLATAVQESGADGNENRILVTKTTESKFPVAVRLSEIPVAKQSENGKFESXKVSIKTRPS 140
 MF-Che-2 RLAAHRVANHYGLATAVQESGADGNENRILVTKTTESKFPVAVRLSEIPVAKQSENGKFESXKVSIKTRPS 140
 Col-0 RLAAHRVANHYGLATAVQESGADGNENRILVTKTTESKFPVAVRLSEIPVAKQSENGKFESXKVSIKTRPS 140
 T1110 RLAAHRVANHYGLATAVQESGADGNENRILVTKTTESKFPVAVRLSEIPVAKQSENGKFESXKVSIKTRPS 140
 Gr-5 RLAAHRVANHYGLATAVQESGADGNENRILVTKTTESKFPVAVRLSEIPVAKQSENGKFESXKVSIKTRPS 140

KGSGYGAXDLEKXRGPLRSVEERKEEYDKARERIFSGLTGLSCDDSSSETQVYERNASLSRDDKQVSKNA
 150 160 170 180 190 200 210

Hs-0 KGSGYGADDLEKXRGPLRSVEERKEEYDKARERIFSGLTGLSCDDSSSETQVYERNASLSRDDKQVSKNA 210
 Alc-0 KGSGYGADDLEKXRGPLRSVEERKEEYDKARERIFSGLTGLSCDDSSSETQVYERNASLSRDDKQVSKNA 210
 MF-Che-2 KGSGYGADDLEKXRGPLRSVEERKEEYDKARERIFSGLTGLSCDDSSSETQVYERNASLSRDDKQVSKNA 210
 Col-0 KGSGYGADDLEKXRGPLRSVEERKEEYDKARERIFSGLTGLSCDDSSSETQVYERNASLSRDDKQVSKNA 210
 T1110 KGSGYGADDLEKXRGPLRSVEERKEEYDKARERIFSGLTGLSCDDSSSETQVYERNASLSRDDKQVSKNA 210
 Gr-5 KGSGYGADDLEKXRGPLRSVEERKEEYDKARERIFSGLTGLSCDDSSSETQVYERNASLSRDDKQVSKNA 210

YVEVKKNLSXRESGPTS RVAIFRDREKDRFDPDYDRRHQRYIRSLPVNQNFNLPPFNIQQIPTPYEMGF
 220 230 240 250 260 270 280

Hs-0 YVEVKKNLSXRESGPTS RVAIFRDREKDRFDPDYDRRHQRYIRSLPVNQNFNLPPFNIQQIPTPYEMGF 280
 Alc-0 YVEVKKNLSXRESGPTS RVAIFRDREKDRFDPDYDRRHQRYIRSLPVNQNFNLPPFNIQQIPTPYEMGF 280
 MF-Che-2 YVEVKKNLSXRESGPTS RVAIFRDREKDRFDPDYDRRHQRYIRSLPVNQNFNLPPFNIQQIPTPYEMGF 280
 Col-0 YVEVKKNLSXRESGPTS RVAIFRDREKDRFDPDYDRRHQRYIRSLPVNQNFNLPPFNIQQIPTPYEMGF 280
 T1110 YVEVKKNLSXRESGPTS RVAIFRDREKDRFDPDYDRRHQRYIRSLPVNQNFNLPPFNIQQIPTPYEMGF 280
 Gr-5 YVEVKKNLSXRESGPTS RVAIFRDREKDRFDPDYDRRHQRYIRSLPVNQNFNLPPFNIQQIPTPYEMGF 280

TGYNQIPSPAPLFGGPHPSSIMSPYGT TMDAMYHWPNAAMMYAHPYEQFRNGSLQAQFVQQPLSFDYM
 290 300 310 320 330 340 350

Hs-0 TGYNQIPSPAPLFGGPHPSSIMSPYGT TMDAMYHWPNAAMMYAHPYEQFRNGSLQAQFVQQPLSFDYM 350
 Alc-0 TGYNQIPSPAPLFGGPHPSSIMSPYGT TMDAMYHWPNAAMMYAHPYEQFRNGSLQAQFVQQPLSFDYM 350
 MF-Che-2 TGYNQIPSPAPLFGGPHPSSIMSPYGT TMDAMYHWPNAAMMYAHPYEQFRNGSLQAQFVQQPLSFDYM 350
 Col-0 TGYNQIPSPAPLFGGPHPSSIMSPYGT TMDAMYHWPNAAMMYAHPYEQFRNGSLQAQFVQQPLSFDYM 350
 T1110 TGYNQIPSPAPLFGGPHPSSIMSPYGT TMDAMYHWPNAAMMYAHPYEQFRNGSLQAQFVQQPLSFDYM 350
 Gr-5 TGYNQIPSPAPLFGGPHPSSIMSPYGT TMDAMYHWPNAAMMYAHPYEQFRNGSLQAQFVQQPLSFDYM 350

QNRX

Hs-0 QNRX 354
 Alc-0 QNRX 354
 MF-Che-2 QNRX 354
 Col-0 QNRX 354
 T1110 QNRX 354
 Gr-5 QNRX 354