

| | C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | |
|-----------|-----------------------------------|--|--------|-------|----|----|----|----|----|
| ZmES1 | MEPSRGRLSAAAVLLMTLLVVA--AMRAVFA | RDCLTQSTRLPGHLCVPSDCAIGCRABGNGYTGGRCLISPIPLGILC | GVTRCP | PSMTT | | | | | 92 |
| ZmES4 | MESSRGRLSAAGVLLMT-LLMVA--AMRAVFA | RDCLTQSTRLPGHLCVPSDCAIGCRABGNGYTGGRCLISPIPLGILC | GVTRCP | PSMTT | | | | | 91 |
| ZmLCR1 | MESSRRTQPAIILLLLIVT-----TVAQAA | RECEKTSERPLG-AOXASDMCANVCRGG--FSGGRCS--TTRRR | | | | | | | 74 |
| ZmLCR2 | MELSRRRTAVLLVMLLLS-AMVG-PVAVAF | RTCSQSRRPLG-PCRRSVMCANVCRGG--FSGGRCS--GTRRR | | | | | | | 79 |
| ZmLCR3 | MKA--QVAAATVLLVLLS-----IFAAEA | RTCSQSRRPLG-PCRRSVMCANVCRGG--FSGGRCS--GTRRR | | | | | | | 85 |
| OsLCR1 | MAPSRMVASAFLLLAILVA-TMVG-TTKVAF | RHCLSOSRRPLG-MCVSSMNCANVCRGG--FDGGRCSHGLRR | | | | | | | 80 |
| OsLCR2 | MCLLAAL-----APAQSSV | FPCTTSLRPLG-FCMVEDNCANVCRGG--FVGGGRCS--TVVRR | | | | | | | 63 |
| OsLCR3 | MEASRRVFSAMLLHVLLLAATGMGGPVHVAF | RTCSQSRRPLG-PCRRSVMCANVCRGG--FSGGRCS--GTRRR | | | | | | | 81 |
| AtLCR69 | MRLSMRRLISAVLIHFHIFVA--TGMGPVTVFA | RTCSQSRRPLG-PCRRSVMCANVCRGG--FSGGRCS--GTRRR | | | | | | | 77 |
| AtLCR71 | MSCFFALYDILYGLYN-SLG--GSVTVEA | RICKSRQRRPLG-PCVSEDNCANVCRGG--FDGGRCS--LLRR | | | | | | | 73 |
| AtLCR72 | MRLSRLISALLMSVMLLFA--TGMGP--VEA | RTCSQSRRPLG-PCRRSVMCANVCRGG--FSGGRCS--GTRRR | | | | | | | 73 |
| AtLCR74 | MRN--KFAAFLLLVLFSS-----GIIGGG | RTCSQSRRPLG-PCRRSVMCANVCRGG--FSGGRCS--GTRRR | | | | | | | 73 |
| PgLCR1 | MADMGVCSLSALF-LLVLLVI-SIGMQLSLAFA | RTCTPSSRRPLG-VCASSMNCANVCRGG--FSGGRCSHGLRR | | | | | | | 83 |
| PaSPI1B | MADMGVCSLSALF-LLVLLVI-SIGMQLSLAFA | RTCTPSSRRPLG-VCASSMNCANVCRGG--FSGGRCSHGLRR | | | | | | | 83 |
| consensus | | RxCxxxxx b f b G--CxxxxxCa x C b xEG--f--GbC-----bb----CxC b PC | | | | | | | |