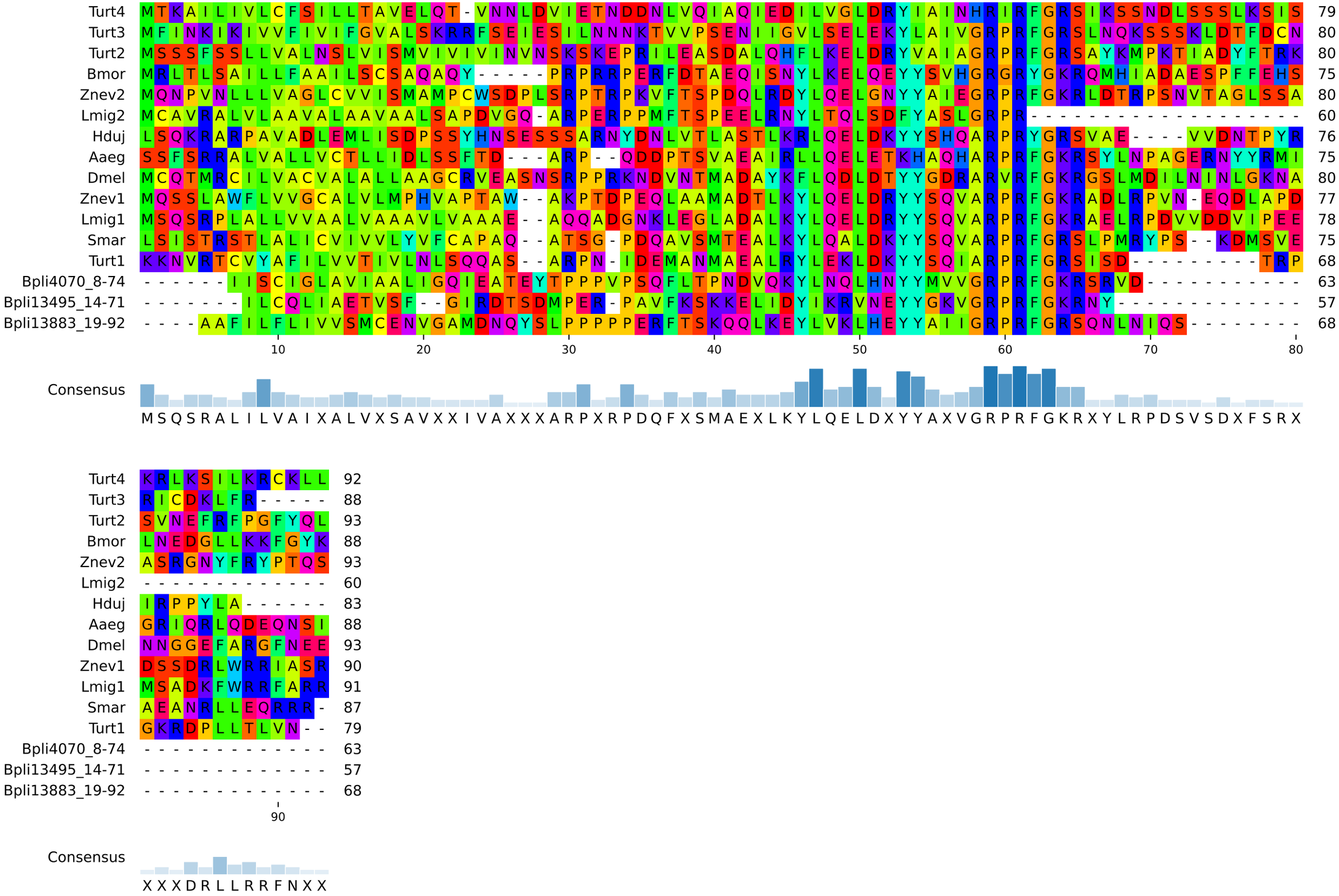
Turt4 MTKAILIVLCFSILLTAVELQT-VNNLDVIETNDDNLVQIAQIEDILVGLDRYIAINHRIRFGRSIKSSNDLSSSLKSIS 79
Turt3 MFINKIKIVVFIVIFGVALSKRRFSEIESILNNNKTVVPSENIIGVLSELEKYLAIVGRPRFGRSLNQKSSSKLDTFDCN 80
Turt2 MSSSFSSLLVALNSLVISMVIVIVINVNSKSKEPRILEASDALQHFLKELDRYVAIAGRPRFGRSAYKMPKTIADYFTRK 80
Bmor MRLTLSAILLFAAILSCSAQAQY-----PRPRRPERFDTAEQISNYLKELQEYYSVHGRGRYGKRQMHIADAESPFFEHS 75
Znev2 MQNPVNLLLVAGLCVVISMAMPCWSDPLSRPTRPKVFTSPDQLRDYLQELGNYYAIEGRPRFGKRLDTRPSNVTAGLSSA 80
Lmig2 MCAVRALVLAAVALAAVAALSAPDVGQ-ARPERPPMFTSPEELRNYLTQLSDFYASLGRPR---------- 60
Hduj LSQKRARPAVADLEMLISDPSSYHNSESSSARNYDNLVTLASTLKRLQELDKYYSHQARPRYGRSVAE----VVDNTPYR 76
Aaeg SSFSRRALVALLVCTLLIDLSSFTD---ARP--QDDPTSVAEAIRLLQELETKHAQHARPRFGKRSYLNPAGERNYYRMI 75
Dmel MCQTMRCILVACVALALLAAGCRVEASNSRPPRKNDVNTMADAYKFLQDLDTYYGDRARVRFGKRGSLMDILNINLGKNA 80
Znev1 MQSSLAWFLVVGCALVLMPHVAPTAW--AKPTDPEQLAAMADTLKYLQELDRYYSQVARPRFGKRADLRPVN-EQDLAPD 77
Lmig1 MSQSRPLALLVVAALVAAAVLVAAAE--AQQADGNKLEGLADALKYLQELDRYYSQVARPRFGKRAELRPDVVDDVIPEE 78
Smar LSISTRSTLALICVIVVLYVFCAPAQ--ATSG-PDQAVSMTEALKYLQALDKYYSQVARPRFGRSLPMRYPS--KDMSVE 75
Turt1 KKNVRTCVYAFILVVTIVLNLSQQAS--ARPN-IDEMANMAEALRYLEKLDKYYSQIARPRFGRSISD----------TRP 68
Bpli4070_8-74 ------IISCIGLAVIAALIGQIEATEYTPPPVPSQFLTPNDVQKYLNQLHNYYMVVGRPRFGKRSRVD---------- 63
Bpli13495_14-71 -------ILCQLIAETVSF--GIRDTSDMPER-PAVFKSKKELIDYIKRVNEYYGKVGRPRFGKRNY---------- 57
Bpli13883_19-92 ----AAFILFLIVVSMCENVGAMDNQYSLPPPPPERFTSKQQLKEYLVKLHEYYAIIGRPRFGRSQNLNIQS-------- 68
10 20 30 40 50 60 70 80
Consensus
M S Q S R A L I L V A I X A L V X S A V X X I V A X X X A R P X R P D Q F X S M A E X L K Y L Q E L D X Y Y A X V G R P R F G K R X Y L R P D S V S D X F S R X
Turt4 KRLKSILKRCKLL 92
Turt3 RICDKLFR----- 88
Turt2 SVNEFRFPGFYQL 93
Bmor LNEDGLLKKFGYK 88
Znev2 ASRGNYFRYPTQS 93
Lmig2 ------------ 60
Hduj IRPPYLA------ 83
Aaeg GRIQRLQDEQNSI 88
Dmel NNGGEFARGFNEE 93
Znev1 DSSDRLWRRIASR 90
Lmig1 MSADKFWRRFARR 91
Smar AEANRLLEQRRR- 87
Turt1 GKRDPLLTLVN-- 79
Bpli4070_8-74 ------------ 63
Bpli13495_14-71 ------------ 57
Bpli13883_19-92 ------------ 68
90
Consensus
X X X D R L L R R F N X X