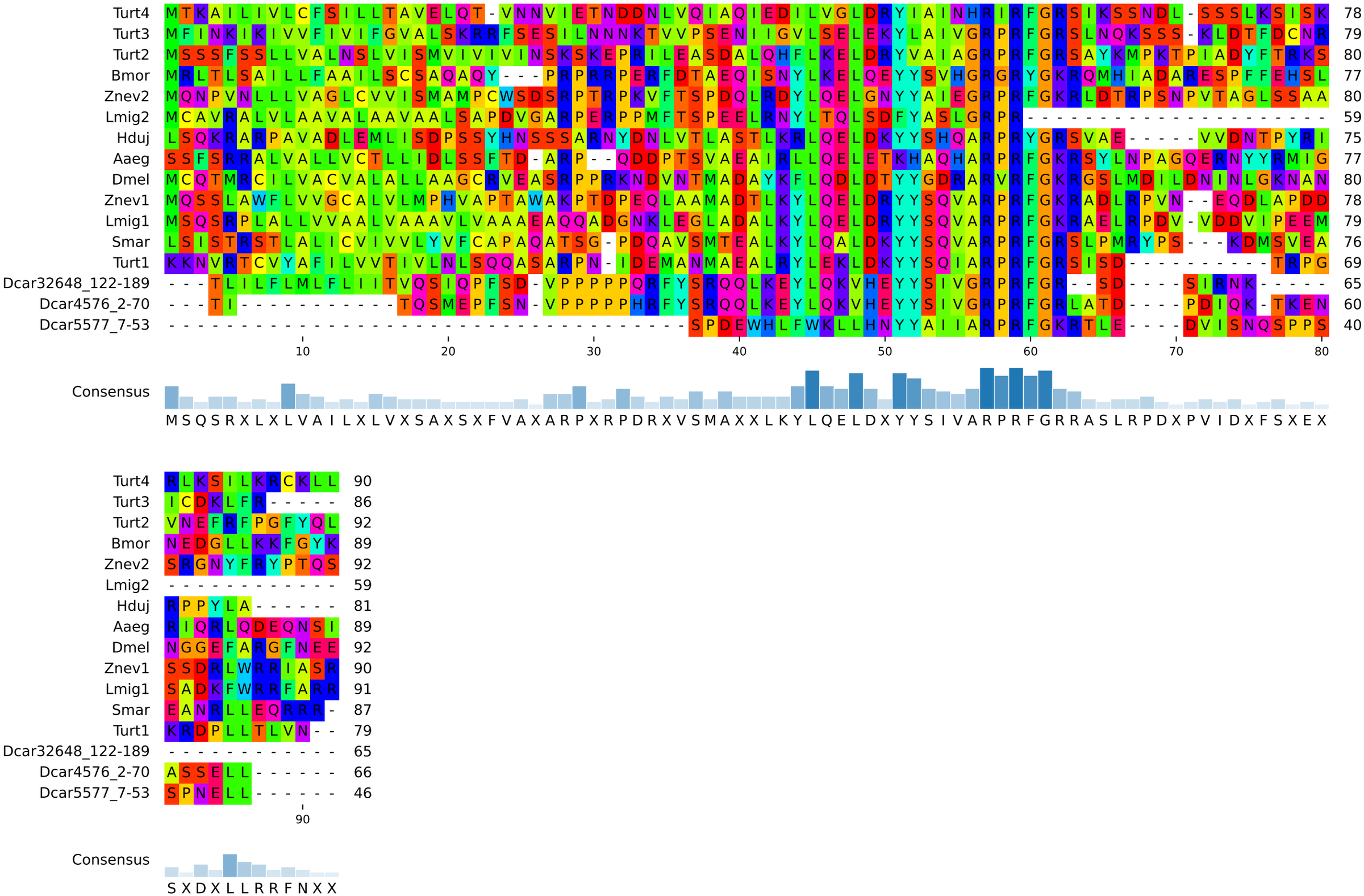
Turt4 MTKAILIVLCFSILLTAVELQT-VNNVIETNDDNLVQIAQIEDILVGLDRYIAINHRIRFGRSIKSSNDL-SSSLKSISK 78
Turt3 MFINKIKIVVFIVIFGVALSKRRFSESILNNNKTVVPSENIIGVLSELEKYLAIVGRPRFGRSLNQKSSS-KLDTFDCNR 79
Turt2 MSSSFSSLLVALNSLVISMVIVIVINSKSKEPRILEASDALQHFLKELDRYVAIAGRPRFGRSAYKMPKTPIADYFTRKS 80
Bmor MRLTLSAILLFAAILSCSAQAQY---PRPRRPERFDTAEQISNYLKELQEYYSVHGRGRYGKRQMHIADARESPFFEHSL 77
Znev2 MQNPVNLLLVAGLCVVISMAMPCWSDSRPTRPKVFTSPDQLRDYLQELGNYYAIEGRPRFGKRLDTRPSNPVTAGLSSAA 80
Lmig2 MCAVRALVLAAVALAAVAALSAPDVGARPERPPMFTSPEELRNYLTQLSDFYASLGRPR---------- 59
Hduj LSQKRARPAVADLEMLISDPSSYHNSSSARNYDNLVTLASTLKRLQELDKYYSHQARPRYGRSVAE----VVDNTPYRI 75
Aaeg SSFSRRALVALLVCTLLIDLSSFTD-ARP--QDDPTSVAEAIRLLQELETKHAQHARPRFGKRSYLNPAGQERNYYRMIG 77
Dmel MCQTMRCILVACVALALLAAGCRVEASRPPRKNDVNTMADAYKFLQDLDTYYGDRARVRFGKRGSLMDILDNINLGKNAN 80
Znev1 MQSSLAWFLVVGCALVLMPHVAPTAWAKPTDPEQLAAMADTLKYLQELDRYYSQVARPRFGKRADLRPVN--EQDLAPDD 78
Lmig1 MSQSRPLALLVVAALVAAAVLVAAAEAQQADGNKLEGLADALKYLQELDRYYSQVARPRFGKRAELRPDV-VDDVIPEEM 79
Smar LSISTRSTLALICVIVVLYVFCAPAQATSG-PDQAVSMTEALKYLQALDKYYSQVARPRFGRSLPMRYPS---KDMSVEA 76
Turt1 KKNVRTCVYAFILVVTIVLNLSQQASARPN-IDEMANMAEALRYLEKLDKYYSQIARPRFGRSISD----------TRPG 69
Dcar32648_122-189 ---TLILFLMLFLIITVQSIQPFSD-VPPPPPQRFYSRQQLKEYLQKVHEYYSIVGRPRFGR--SD----SIRNK----- 65
Dcar4576_2-70 ---TI----------TQSMEPFSN-VPPPPPHRFYSRQQLKEYLQKVHEYYSIVGRPRFGRLATD----PDIQK-TKEN 60
Dcar5577_7-53 ----------SPDEWHLFWKLLHNYYAIIARPRFGKRTLE----DVISNQSPPS 40
10 20 30 40 50 60 70 80
Consensus
M S Q S R X L X L V A I L X L V X S A X S X F V A X A R P X R P D R X V S M A X X L K Y L Q E L D X Y Y S I V A R P R F G R R A S L R P D X P V I D X F S X E X
Turt4 RLKSILKRCKLL 90
Turt3 ICDKLFR----- 86
Turt2 VNEFRFPGFYQL 92
Bmor NEDGLLKKFGYK 89
Znev2 SRGNYFRYPTQS 92
Lmig2 ---------- 59
Hduj RPPYLA------ 81
Aaeg RIQRLQDEQNSI 89
Dmel NGGEFARGFNEE 92
Znev1 SSDRLWRRIASR 90
Lmig1 SADKFWRRFARR 91
Smar EANRLLEQRRR- 87
Turt1 KRDPLLTLVN-- 79
Dcar32648_122-189 ---------- 65
Dcar4576_2-70 ASSELL------ 66
Dcar5577_7-53 SPNELL------ 46
90
Consensus
S X D X L L R R F N X X