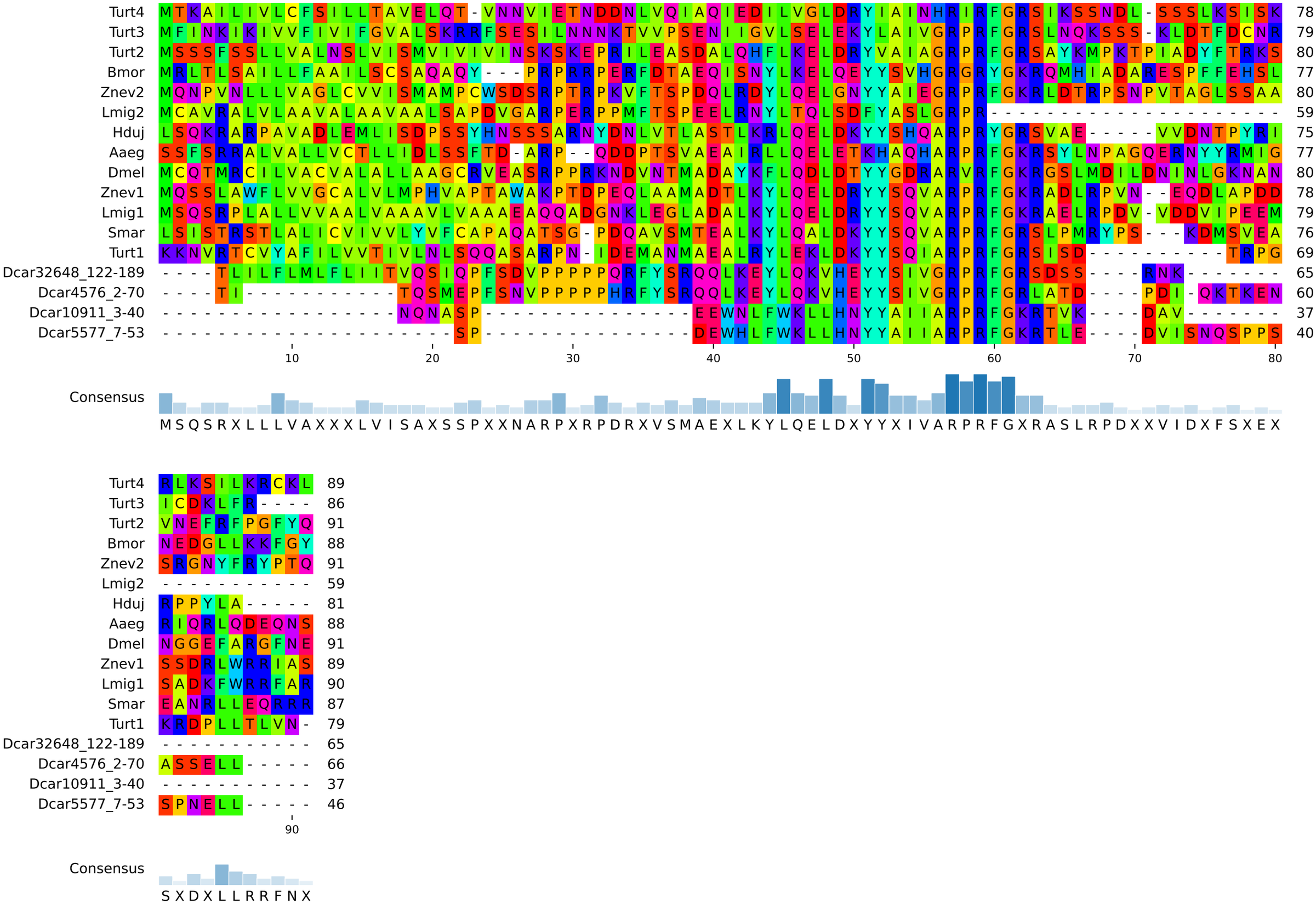
Turt4 MTKAILIVLCFSILLTAVELQT-VNNVIETNDDNLVQIAQIEDILVGLDRYIAINHRIRFGRSIKSSNDL-SSSLKSISK 78
Turt3 MFINKIKIVVFIVIFGVALSKRRFSESILNNNKTVVPSENIIGVLSELEKYLAIVGRPRFGRSLNQKSSS-KLDTFDCNR 79
Turt2 MSSSFSSLLVALNSLVISMVIVIVINSKSKEPRILEASDALQHFLKELDRYVAIAGRPRFGRSAYKMPKTPIADYFTRKS 80
Bmor MRLTLSAILLFAAILSCSAQAQY---PRPRRPERFDTAEQISNYLKELQEYYSVHGRGRYGKRQMHIADARESPFFEHSL 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 ----TLILFLMLFLIITVQSIQPFSDVPPPPPQRFYSRQQLKEYLQKVHEYYSIVGRPRFGRSDSS----RNK------- 65
Dcar4576_2-70 ----TI----------TQSMEPFSNVPPPPPHRFYSRQQLKEYLQKVHEYYSIVGRPRFGRLATD----PDI-QKTKEN 60
Dcar10911_3-40 ----------NQNASP----------EEWNLFWKLLHNYYAIIARPRFGKRTVK----DAV------- 37
Dcar5577_7-53 ----------SP----------DEWHLFWKLLHNYYAIIARPRFGKRTLE----DVISNQSPPS 40
10 20 30 40 50 60 70 80
Consensus
MSQSRXLLLVAXXXLVISAXSSPXXNARPXRPDRXVSMAEXLKYLQELDXYYXIVARPRFGXRASLRPDXXVIDXFSXEX
Turt4 RLKSILKRCKL 89
Turt3 ICDKLFR---- 86
Turt2 VNEFRFPGFYQ 91
Bmor NEDGLLKKFGY 88
Znev2 SRGNYFRYPTQ 91
Lmig2 ---------- 59
Hduj RPPYLA----- 81
Aaeg RIQRLQDEQNS 88
Dmel NGGEFARGFNE 91
Znev1 SSDRLWRRIAS 89
Lmig1 SADKFWRRFAR 90
Smar EANRLLEQRRR 87
Turt1 KRDPLLTLVN- 79
Dcar32648_122-189 ---------- 65
Dcar4576_2-70 ASSELL----- 66
Dcar10911_3-40 ---------- 37
Dcar5577_7-53 SPNELL----- 46
90
Consensus
SXDXLLRRFNX