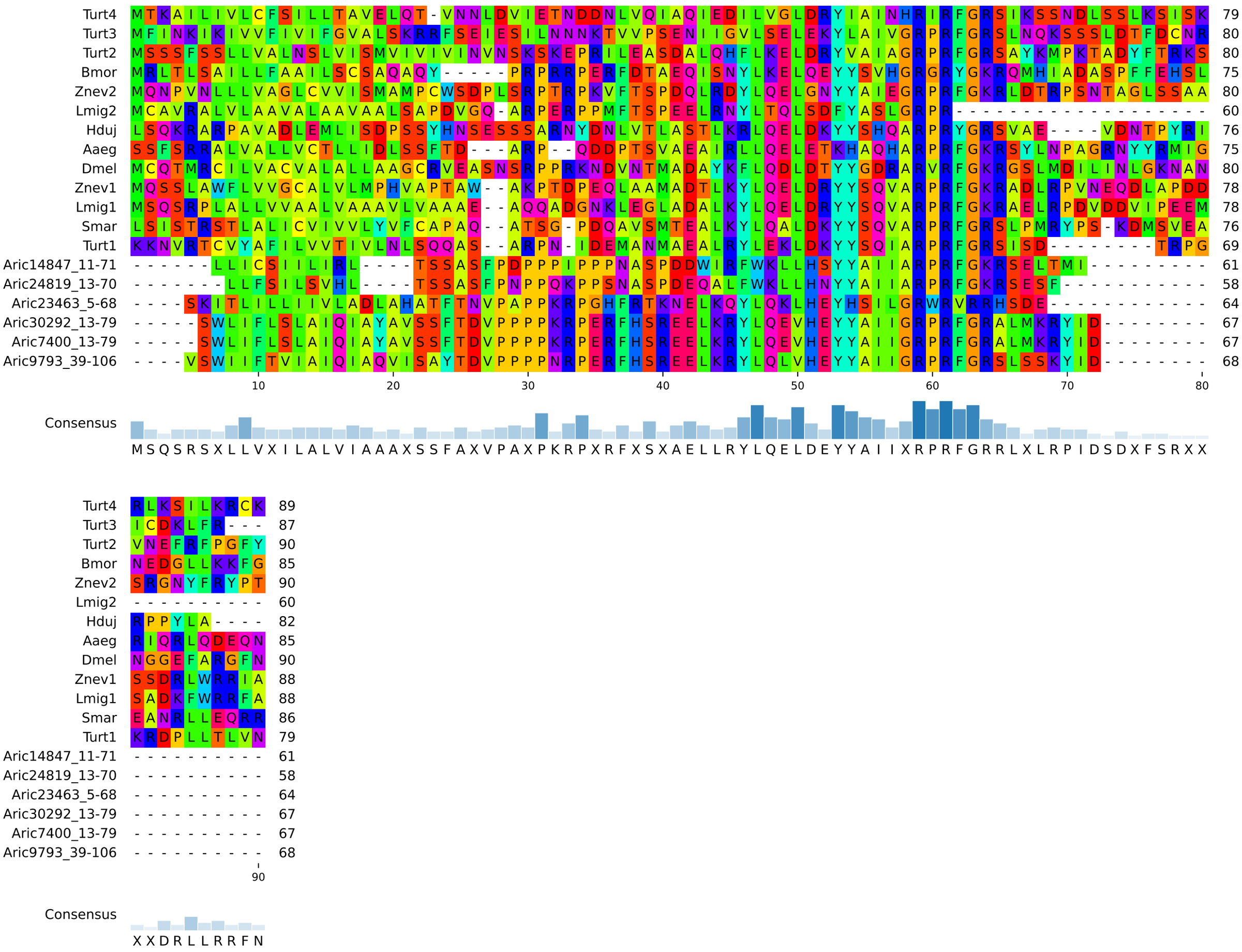
Turt4 MTKAILIVLCFSILLTAVELQT-VNNLDVIETNDDNLVQIAQIEDILVGLDRYIAINHRIRFGRSIKSSNDLSSLKSISK 79
Turt3 MFINKIKIVVFIVIFGVALSKRRFSEIESILNNNKTVVPSENIIGVLSELEKYLAIVGRPRFGRSLNQKSSSLDTFDCNR 80
Turt2 MSSSFSSLLVALNSLVISMVIVIVINVNSKSKEPRILEASDALQHFLKELDRYVAIAGRPRFGRSAYKMPKTADYFTRKS 80
Bmor MRLTLSAILLFAAILSCSAQAQY-----PRPRRPERFDTAEQISNYLKELQEYYSVHGRGRYGKRQMHIADASPFFEHSL 75
Znev2 MQNPVNLLLVAGLCVVISMAMPCWSDPLSRPTRPKVFTSPDQLRDYLQELGNYYAIEGRPRFGKRLDTRPSNTAGLSSAA 80
Lmig2 MCAVRALVLAAVALAAVAALSAPDVGQ-ARPERPPMFTSPEELRNYLTQLSDFYASLGRPR---------- 60
Hduj LSQKRARPAVADLEMLISDPSSYHNSESSSARNYDNLVTLASTLKRLQELDKYYSHQARPRYGRSVAE----VDNTPYRI 76
Aaeg SSFSRRALVALLVCTLLIDLSSFTD---ARP--QDDPTSVAEAIRLLQELETKHAQHARPRFGKRSYLNPAGRNYYRMIG 75
Dmel MCQTMRCILVACVALALLAAGCRVEASNSRPPRKNDVNTMADAYKFLQDLDTYYGDRARVRFGKRGSLMDILINLGKNAN 80
Znev1 MQSSLAWFLVVGCALVLMPHVAPTAW--AKPTDPEQLAAMADTLKYLQELDRYYSQVARPRFGKRADLRPVNEQDLAPDD 78
Lmig1 MSQSRPLALLVVAALVAAAVLVAAAE--AQQADGNKLEGLADALKYLQELDRYYSQVARPRFGKRAELRPDVDDVIPEEM 78
Smar LSISTRSTLALICVIVVLYVFCAPAQ--ATSG-PDQAVSMTEALKYLQALDKYYSQVARPRFGRSLPMRYPS-KDMSVEA 76
Turt1 KKNVRTCVYAFILVVTIVLNLSQQAS--ARPN-IDEMANMAEALRYLEKLDKYYSQIARPRFGRSISD---------TRPG 69
Aric14847_11-71 ------LLICSIILIRL----TSSASFPDPPPIPPPNASPDDWIRFWKLLHSYYAIIARPRFGKRSELTMI---------- 61
Aric24819_13-70 -------LLFSILSVHL----TSSASFPNPPQKPPSNASPDEQALFWKLLHNYYAIIARPRFGKRSESF---------- 58
Aric23463_5-68 ----SKITLILLIIVLADLAHATFTNVPAPPKRPGHFRTKNELKQYLQKLHEYHSILGRWRVRRHSDE---------- 64
Aric30292_13-79 -----SWLIFLSLAIQIAYAVSSFTDVPPPPKRPERFHSREELKRYLQEVHEYYAIIGRPRFGRALMKRYID-------- 67
Aric7400_13-79 -----SWLIFLSLAIQIAYAVSSFTDVPPPPKRPERFHSREELKRYLQEVHEYYAIIGRPRFGRALMKRYID-------- 67
Aric9793_39-106 ----VSWIIFTVIAIQIAQVISAYTDVPPPPNRPERFHSREELKRYLQLVHEYYAIIGRPRFGRSLSSKYID-------- 68
10 20 30 40 50 60 70 80
Consensus
M S Q S R S X L L V X I L A L V I A A A X S S F A X V P A X P K R P X R F X S X A E L L R Y L Q E L D E Y Y A I I X R P R F G R R L X L R P I D S D X F S R X X
Turt4 RLKSILKRCK 89
Turt3 ICDKLFR--- 87
Turt2 VNEFRFPGFY 90
Bmor NEDGLLKKFG 85
Znev2 SRGNYFRYPT 90
Lmig2 ---------- 60
Hduj RPPYLA---- 82
Aaeg RIQRLQDEQN 85
Dmel NGGEFARGFN 90
Znev1 SSDRLWRRIA 88
Lmig1 SADKFWRRFA 88
Smar EANRLLEQRR 86
Turt1 KRDPLLTLVN 79
Aric14847_11-71 ---------- 61
Aric24819_13-70 ---------- 58
Aric23463_5-68 ---------- 64
Aric30292_13-79 ---------- 67
Aric7400_13-79 ---------- 67
Aric9793_39-106 ---------- 68
90
Consensus
X X D R L L R R F N