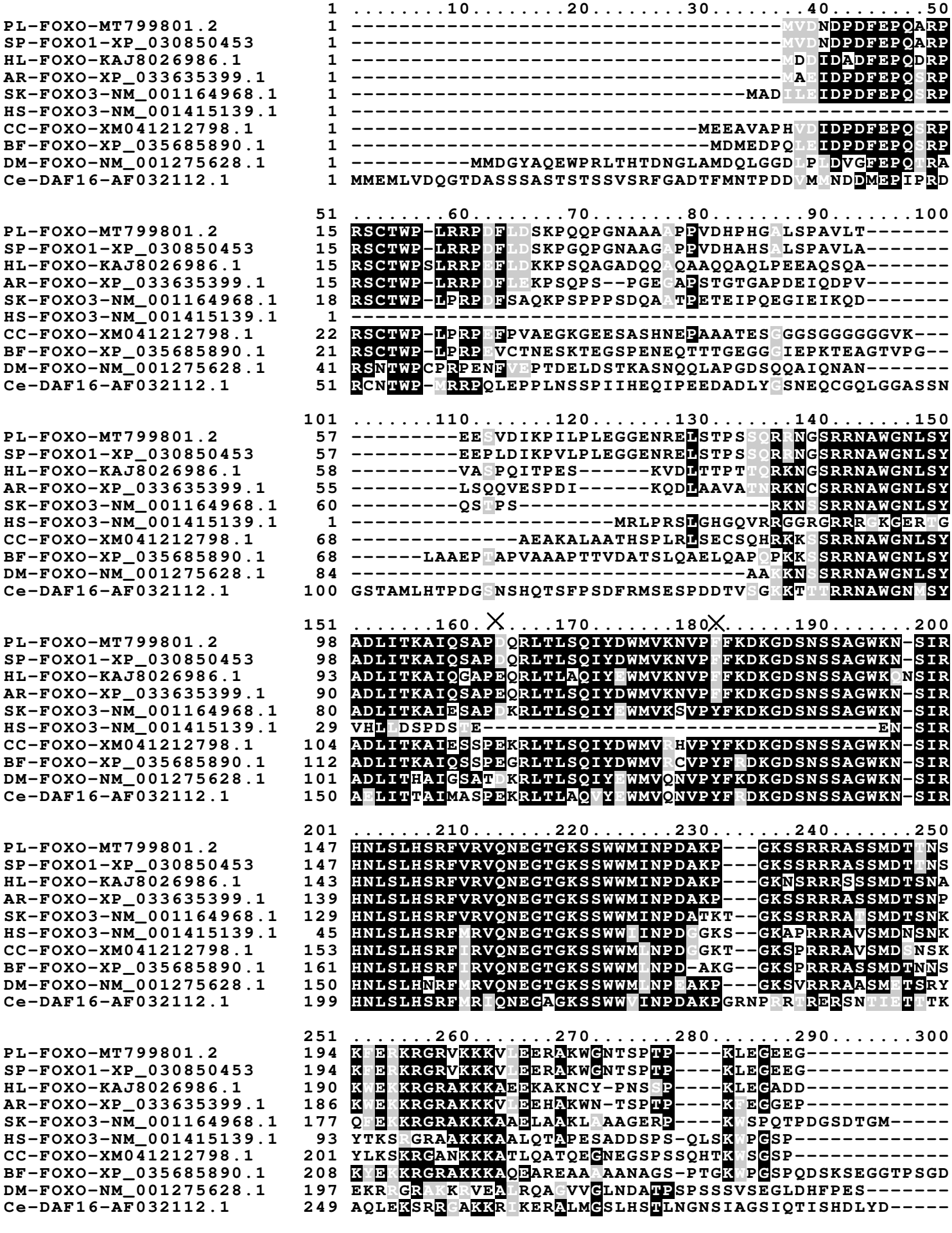
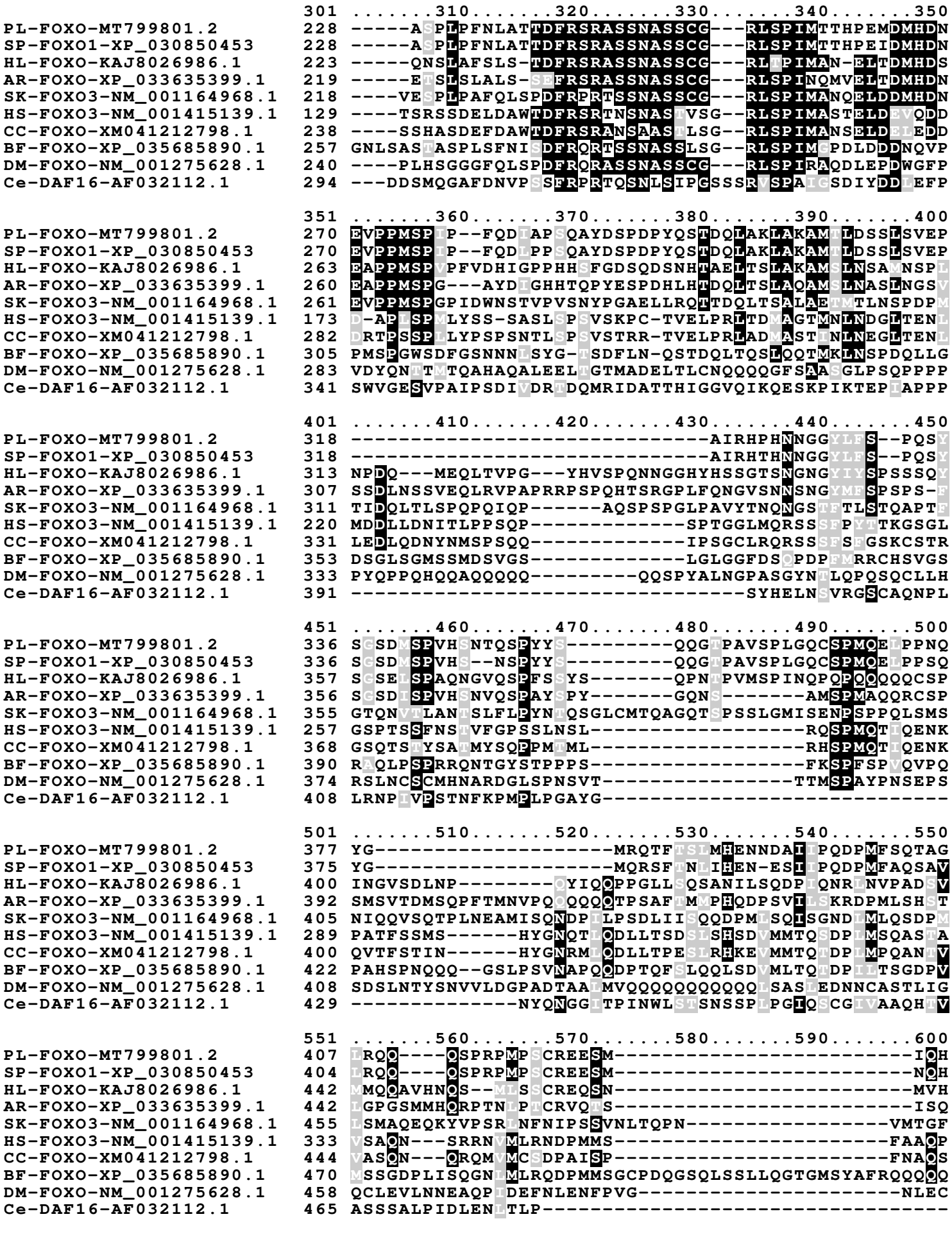
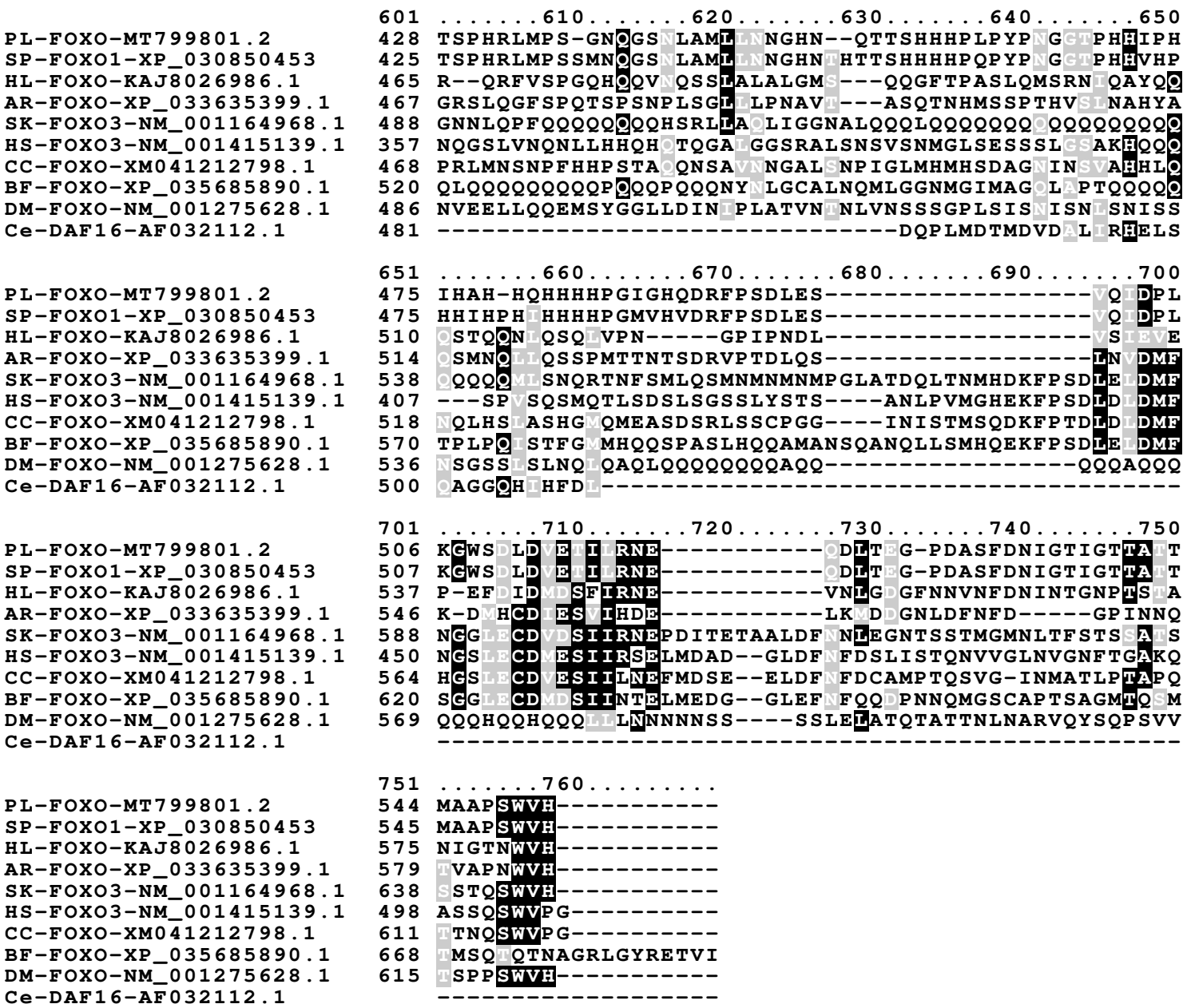

1 .....10.....20.....30.....40.....50
PL-FOXO-MT799801.2 1 -----MVDNDPDFEPQARP
SP-FOXO1-XP_030850453 1 -----MVDNDPDFEPQARP
HL-FOXO-KAJ8026986.1 1 -----MDDIDADFEPQDRP
AR-FOXO-XP_033635399.1 1 -----MAEIDPDFEPQSRP
SK-FOXO3-NM_001164968.1 1 -----MADILEIDPDFEPQSRP
HS-FOXO3-NM_001415139.1 1 -----
CC-FOXO-XM041212798.1 1 -----MEEAVAPHVDIDPDFEPQSRP
BF-FOXO-XP_035685890.1 1 -----MDMEDPQLEIDPDFEPQSRP
DM-FOXO-NM_001275628.1 1 ----------MMDGYAQEWPRLTHTDNGLAMDQLGGDLPLDVGFEPQTRA
Ce-DAF16-AF032112.1 1 MMEMLVDQGTDASSSASTSTSSVSRFGADTFMNTPDDVMYNDDMEPIPRD
51 .....60.....70.....80.....90.....100
PL-FOXO-MT799801.2 15 RSCTWP-LRRPDFLDSKPQQPGNAAAAPPVDHPHGALSPAVLT-------
SP-FOXO1-XP_030850453 15 RSCTWP-LRRPDFLDSKPGQPGNAAGAPPVDHAHSALSPAVLA-------
HL-FOXO-KAJ8026986.1 15 RSCTWPSLRRPEFLDKKPSQAGADQQAQAAQQAQLPEEAQSQA-------
AR-FOXO-XP_033635399.1 15 RSCTWP-LRRPDFLEKPSQPS--PGEGAPSTGTGAPDEIQDPV-------
SK-FOXO3-NM_001164968.1 18 RSCTWP-LPRPDFSAQKPSPPPSDQAATPETEIPQEGIEIKQD-------
HS-FOXO3-NM_001415139.1 1 -----
CC-FOXO-XM041212798.1 22 RSCTWP-LPRPEFPVAEGKGEESASHNEPAAATESGGGSGGGGGGVK---
BF-FOXO-XP_035685890.1 21 RSCTWP-LPRPEVCTNESKTEGSPENEQTTTGEGGGIEPKTEAGTVPG--
DM-FOXO-NM_001275628.1 41 RSNTWPCPRPENFVEPTDELDSTKASNQQLAPGDSQQAIQNAN-------
Ce-DAF16-AF032112.1 51 RCNTWP-MRRPQLEPPLNSSPIIHEQIPEEDADLYGSNEQCGQLGGASSN
101 .....110.....120.....130.....140.....150
PL-FOXO-MT799801.2 57 ---------EESVDIKPILPLEGGENRELSTPSSQRSNGSRRNAWGNLSY
SP-FOXO1-XP_030850453 57 ---------EEPLDIKPVLPLEGGENRELSTPSSQRANGSRRNAWGNLSY
HL-FOXO-KAJ8026986.1 58 ---------VASPQITPES------KVDLTTPTTQRKNGSRRNAWGNLSY
AR-FOXO-XP_033635399.1 55 ---------LSQQVESPDI------KQDLAAVATNRKNCSRRNAWGNLSY
SK-FOXO3-NM_001164968.1 60 ---------QSTPS----------RKNSSRRNAWGNLSY
HS-FOXO3-NM_001415139.1 1 ----------MRLPRSLGHGQVRRGGRGRRRGKGERTG
CC-FOXO-XM041212798.1 68 ----------AEAKALAATHSPLRLSECSQHRKKSSRRNAWGNLSY
BF-FOXO-XP_035685890.1 68 ------LAAEPTAPVAAAPTTVDATSLQAELQAPQPKKSSRRNAWGNLSY
DM-FOXO-NM_001275628.1 84 ----------AAKKNSSRRNAWGNLSY
Ce-DAF16-AF032112.1 100 GSTAMLHTPDGSNSHQTSFPSDFRMSESPDDTVSGKKTTRRNAWGNMSY
151 .....160.....170.....180.....190.....200
PL-FOXO-MT799801.2 98 ADLITKAIQSAPDQRLTLSQIYDWMVKNVPFFKDKGDSNSSAGWKN-SIR
SP-FOXO1-XP_030850453 98 ADLITKAIQSAPDQRLTLSQIYDWMVKNVPFFKDKGDSNSSAGWKN-SIR
HL-FOXO-KAJ8026986.1 93 ADLITKAIQGAPEQRLTLAQIYEWMVKNVPFFKDKGDSNSSAGWKQNSIR
AR-FOXO-XP_033635399.1 90 ADLITKAIQSAPEQRLTLSQIYDWMVKNVPFFKDKGDSNSSAGWKN-SIR
SK-FOXO3-NM_001164968.1 80 ADLITKAIESAPDKRLTLSQIYEWMVKSVPYFKDKGDSNSSAGWKN-SIR
HS-FOXO3-NM_001415139.1 29 VHLLDSPDSTE----------EN-SIR
CC-FOXO-XM041212798.1 104 ADLITKAIESSPEKRLTLSQIYDWMVRHVPYFKDKGDSNSSAGWKN-SIR
BF-FOXO-XP_035685890.1 112 ADLITKAIQSSPEGRLTLSQIYDWMVRCVPYFRDKGDSNSSAGWKN-SIR
DM-FOXO-NM_001275628.1 101 ADLITHAIGSATDKRLTLSQIYEWMVQNVPYFKDKGDSNSSAGWKN-SIR
Ce-DAF16-AF032112.1 150 AELITTAIMASPEKRLTLAQVYEWMVQNVPYFRDKGDSNSSAGWKN-SIR
201 .....210.....220.....230.....240.....250
PL-FOXO-MT799801.2 147 HNLSLHSRFVRVQNEGTGKSSWWMINPDAKP---GKSSRRRASSMDTTNS
SP-FOXO1-XP_030850453 147 HNLSLHSRFVRVQNEGTGKSSWWMINPDAKP---GKSSRRRASSMDTTNS
HL-FOXO-KAJ8026986.1 143 HNLSLHSRFVRVQNEGTGKSSWWMINPDAKP---GKNSRRRSSSMDTSNA
AR-FOXO-XP_033635399.1 139 HNLSLHSRFVRVQNEGTGKSSWWMINPDAKP---GKSSRRRASSMDTSNP
SK-FOXO3-NM_001164968.1 129 HNLSLHSRFVRVQNEGTGKSSWWMINPDATKT--GKSSRRRALSMDTSNK
HS-FOXO3-NM_001415139.1 45 HNLSLHSRFMRVQNEGTGKSSWWIINPDGGKS--GKAPRRRAVSMDNSNK
CC-FOXO-XM041212798.1 153 HNLSLHSRFLRVQNEGTGKSSWWMLNPDGGKT--GKSPRRRAVSMDSNSK
BF-FOXO-XP_035685890.1 161 HNLSLHSRFLRVQNEGTGKSSWWMLNPD-AKG--GKSPRRRASSMDTNNS
DM-FOXO-NM_001275628.1 150 HNLSLHNRFMRVQNEGTGKSSWWMLNPEAKP---GKSVRRRAASMPTSRY
Ce-DAF16-AF032112.1 199 HNLSLHSRFMRIQNEGAGKSSWWVINPDAKPGRNPRRTRERSNTIETTTK
251 .....260.....270.....280.....290.....300
PL-FOXO-MT799801.2 194 KFEKKRGRVKKKVLEERAKWGNTSPTP----KLEGEEG----------
SP-FOXO1-XP_030850453 194 KFEKKRGRVKKKVLEERAKWGNTSPTP----KLEGEEG----------
HL-FOXO-KAJ8026986.1 190 KWEKKRGRAKKKAEEKAKNCY-PNSSP----KLEGADD----------
AR-FOXO-XP_033635399.1 186 KWEKKRGRAKKKVLEEHAKWN-TSPTP----KFEGGEP----------
SK-FOXO3-NM_001164968.1 177 QFEKKRGRAKKKAAELAAKLAAGERP----KWSPQTPDGSDTGM-----
HS-FOXO3-NM_001415139.1 93 YTKSRGRAAKKKAALQTAPESADDSPS-QLSKWPGSP----------
CC-FOXO-XM041212798.1 201 YLKSKRGANKKKATLQATQEGNEGSPSSQHTKWSGSP----------
BF-FOXO-XP_035685890.1 208 KYEKKRGRAKKKAQEAREAAAAANAGS-PTGKWPGSPQDSKSEGGTPSGD
DM-FOXO-NM_001275628.1 197 EKRRGRAKKRVEALRQAGVVGLNDATPSPSSSVSEGLDHFPES-------
Ce-DAF16-AF032112.1 249 AQLEKSRRGAKKRIKERALMGSLHSTLNGNSIAGSIQTISHDLYD-----


301 .....310.....320.....330.....340.....350
PL-FOXO-MT799801.2 228 -----ASPLPFNLATTDFRSRASSNASSCG---RLSPIMTTHPEMDMHDN
SP-FOXO1-XP_030850453 228 -----ASPLPFNLATTDFRSRASSNASSCG---RLSPIMTTHPEIDMHDN
HL-FOXO-KAJ8026986.1 223 -----QNSLAFSLS-TDFRSRASSNASSCG---RLTPIMAN-ELTDMHDS
AR-FOXO-XP_033635399.1 219 -----ETSLSLALS-SEFRSRASSNASSCG---RLSPINQMVELTDMHDN
SK-FOXO3-NM_001164968.1 218 ----VESPLPAFQLSPDFRPRTSSNASSCG---RLSPIMANQELDDMHDN
HS-FOXO3-NM_001415139.1 129 ----TSRSSDELDAWTDFRSRTNSNASTVSG--RLSPIMASTELDEVQDD
CC-FOXO-XM041212798.1 238 ----SSHASDEFDAWTDFRSRANSAASTLSG--RLSPIMANSELDELEDD
BF-FOXO-XP_035685890.1 257 GNLSASTASPLSFNISDFRQRTSSNASSLSG--RLSPIMGPDLDDDNQVP
DM-FOXO-NM_001275628.1 240 ----PLHSGGGFQLSPDFRQRASSNASSCG---RLSPIRAQDLEPDWGFP
Ce-DAF16-AF032112.1 294 ---DDSMQGAFDNVPSSFRPRTQSNLSIPGSSSRVSPAIGSDIYDDLEFP
351 .....360.....370.....380.....390.....400
PL-FOXO-MT799801.2 270 EVPPMSPIP--FQDIAPSQAYDSPDPYQSTDQLAKLAKAMTLDSSLSVEP
SP-FOXO1-XP_030850453 270 EVPPMSPIP--FQDLPPSQAYDSPDPYQSTDQLAKLAKAMTLDSSLSVEP
HL-FOXO-KAJ8026986.1 263 EAPPMSPVPFVDHIGPPHHSFGDSQDSNHTAELTSLAKAMSLNSAMNSPL
AR-FOXO-XP_033635399.1 260 EAPPMSPG---AYDIGHHTQPYESPDHLHTDQLTSLAQAMSLNASLNGSV
SK-FOXO3-NM_001164968.1 261 EVPPMSPGPIDWNSTVPVSNYPGAELLRQTTDQLTSALAETMTLNSPDPM
HS-FOXO3-NM_001415139.1 173 D-APLSPMLYSS-SASLSPSVSKPC-TVELPRLTDMAGTMNLNDGLTENL
CC-FOXO-XM041212798.1 282 DRTPSSPLLYPSPSNTLSPSVSTRR-TVELPRLADMASTINLNEGLTENL
BF-FOXO-XP_035685890.1 305 PMSPGWSDFGSNNNLSYG-TSDFLN-QSTDQLTQSLQQTMKLNSPDQLLG
DM-FOXO-NM_001275628.1 283 VDYQNTTMTQAHAQALEELTGTMADELTLCNQQQQGFSAASGLPSQPPPP
Ce-DAF16-AF032112.1 341 SWVGESVPAIPSDIVDRTDQMRIDATTHIGGVQIKQESKPIKTEPIAPPP
401 .....410.....420.....430.....440.....450
PL-FOXO-MT799801.2 318 ----------AIRHPHNNGGYLPS--PQSY
SP-FOXO1-XP_030850453 318 ----------AIRHTHNNGGYLPS--PQSY
HL-FOXO-KAJ8026986.1 313 NPDQ---MEQLTVPG---YHVSPQNNGGHYHSSGTSNGNGYIYSPSSSQY
AR-FOXO-XP_033635399.1 307 SSDLNSSVEQLRVPAPRRPSPQHTSRGPLFQNGVSNNSNGYMFSPSPS-F
SK-FOXO3-NM_001164968.1 311 TIDQLTLSPQPQIQP------AQSPSPGLPAVYTNQNGSTFTLSTQAPTF
HS-FOXO3-NM_001415139.1 220 MDDLLDNITLPPSQP----------SPTGGLMQRSSSFPYTTKGSGL
CC-FOXO-XM041212798.1 331 LEDLQDNYNMSPSQQ----------IPSGCLRQRSSSFSFGSKCSTR
BF-FOXO-XP_035685890.1 353 DSGLSGMSSMDSVGS----------LGLGGFDSQPDPFMRRCHSVGS
DM-FOXO-NM_001275628.1 333 PYQPPQHQQAQQQQQ---------QQSPYALNGPASGYNTLQPQSQCLLH
Ce-DAF16-AF032112.1 391 ----------SYHELNSVRGSCAQNPL
451 .....460.....470.....480.....490.....500
PL-FOXO-MT799801.2 336 SGSDMSPVHSNTQSPYYS---------QQGTPAVSPLGQCSPMQELPPNQ
SP-FOXO1-XP_030850453 336 SGSDMSPVHS--NSPYYS---------QQGTPAVSPLGQCSPMQELPPSQ
HL-FOXO-KAJ8026986.1 357 SGSELSPAQNGVQSPFSSYS-------QPNTPVMSPINQPQPQQQQQCSP
AR-FOXO-XP_033635399.1 356 SGSDISPVHSNVQSPAYSPY-------GQNS--------AMSPMAQQRCSP
SK-FOXO3-NM_001164968.1 355 GTQNVTLANTSLFLPYNTQSGLCMTQAGQTSPSSLGMISENPSPPQLSMS
HS-FOXO3-NM_001415139.1 257 GSPTSSFNSTVFGPSSLNSL----------RQSPMQTIQENK
CC-FOXO-XM041212798.1 368 GSQTSTYSAIMYSQPPMTML----------RHSPMQTIQENK
BF-FOXO-XP_035685890.1 390 RAQLPSPRRQNTGYSTPPPS----------FKSPFSPVQVPQ
DM-FOXO-NM_001275628.1 374 RSLNCSCMHNARDGLSPNSVT----------TTMSPAYPNSEPS
Ce-DAF16-AF032112.1 408 LRNPIVPSTNFKPMPLPGAYG----------
501 .....510.....520.....530.....540.....550
PL-FOXO-MT799801.2 377 YG----------MRQTFTSLMHENNDAIIPQDPMFSQTAG
SP-FOXO1-XP_030850453 375 YG----------MQRSFTNLIHEN-ESIIPQDPMFAQSAV
HL-FOXO-KAJ8026986.1 400 INGVSDLNP---------QYIQQPPGLLSQSANILSQDPIQNRLNVPADSV
AR-FOXO-XP_033635399.1 392 SMSVTDMSQPFTMNVPQQQQQTPSAFTMMPHQDPSVILSKRDPMLSHST
SK-FOXO3-NM_001164968.1 405 NIQQVSQTPLNEAMISQNDPILPSDLIISQQDPMLSQISGNDLMLQSDPM
HS-FOXO3-NM_001415139.1 289 PATFSSMS------HYGNQTLQDLLTSDSLSHSDVMMTQSDPLMSQASTA
CC-FOXO-XM041212798.1 400 QVTFSTIN------HYGNRMLQDLLTPESLRHKEVMMTQTDPLMPQANTV
BF-FOXO-XP_035685890.1 422 PAHSPNQQQ--GSLPSVNAPQQDPTQFSLQQLSDVMLTQTDPILTSGDPV
DM-FOXO-NM_001275628.1 408 SDSLNTYSNVVLDGPADTAALMVQQQQQQQQQQQLSASLEDNNCASTLIG
Ce-DAF16-AF032112.1 429 --------------NYQNGGITPINWLSTSNSSPLPGIQSCGIVAAQHTV
551 .....560.....570.....580.....590.....600
PL-FOXO-MT799801.2 407 LRQQ----QSPRPMPSCREESM----------IQH
SP-FOXO1-XP_030850453 404 LRQQ----QSPRPMPSCREESM----------NQH
HL-FOXO-KAJ8026986.1 442 MQQAVHNQS--MLSSCREQSN----------MVH
AR-FOXO-XP_033635399.1 442 LGPGSMMHQRPTNLPTCRVQTS----------ISQ
SK-FOXO3-NM_001164968.1 455 LSMAQEQKYVPSRLNFNIPSSVNLTQPN----------VMTGF
HS-FOXO3-NM_001415139.1 333 VSAQN---SRRNVMLRNDPMMS----------FAAQP
CC-FOXO-XM041212798.1 444 VASQN---QRQMVMCSDPAISP----------FNAQS
BF-FOXO-XP_035685890.1 470 MSSGDPLISQGNLMLRQDPMMSGCPDQGSQLSSLLQGTGMSYAFRQQQQQ
DM-FOXO-NM_001275628.1 458 QCLEVLNNEAQPIDEFNLENFPVG----------NLEC
Ce-DAF16-AF032112.1 465 ASSSALPIDLENLTLP----------


601 .....610.....620.....630.....640.....650
PL-FOXO-MT799801.2 428 TSPHRLMPS-GNQGSNLAMLLNNGHN--QTTSHHHPLPYPNGGTPHHIPH
SP-FOXO1-XP_030850453 425 TSPHRLMPSSMNQGSNLAMLLNNGHNTHTTSHHHHPQPYPNGGTPHHVHP
HL-FOXO-KAJ8026986.1 465 R--QRFVSPGQHQQVNQSSLALALGMS---QQGFTPASLQMSRNIQAYQQ
AR-FOXO-XP_033635399.1 467 GRSLQGFSPQTSPSNPLSGLLLPNAVT---ASQTNHMSSPTHVSLNAHYA
SK-FOXO3-NM_001164968.1 488 GNNLQPFQQQQQQQQQHSRLLAQLIGGNALQQQLQQQQQQQQQQQQQQQQQ
HS-FOXO3-NM_001415139.1 357 NQGSLVNQNLLHHQHQTQGALGGSRALSNSVSNMGLSESSSLGSAKHQQQ
CC-FOXO-XM041212798.1 468 PRLMNSNPFHHPSTAQQNSAVNNGALSNPIGLMHMHSDAGNINSVAHHLQ
BF-FOXO-XP_035685890.1 520 QLQQQQQQQQQPQQQPQQQNYNLGCALNQMLGGNMGIMAGQLAPTQQQQQ
DM-FOXO-NM_001275628.1 486 NVEELLQQEMSYGGLLDINIPLATVNTNLVNSSSGPLSISNISNLSNISS
Ce-DAF16-AF032112.1 481 ------------------------------DQPLMDTMDVDALIRHELS
651 .....660.....670.....680.....690.....700
PL-FOXO-MT799801.2 475 IHAH-HQHHHHPGIGHQDRFPSDLES----------VQIDPL
SP-FOXO1-XP_030850453 475 HHIHPHTHHHHPGMVHVDRFPSDLES----------VQIDPL
HL-FOXO-KAJ8026986.1 510 QSTQQNLQSQLVPN-----GPIPNDL----------VSIEVE
AR-FOXO-XP_033635399.1 514 QSMNQLLQSSPMTTNTSDRVPTDLQS----------LNVDMF
SK-FOXO3-NM_001164968.1 538 QQQQQMLSNQRTNFSMLQSMNMNMNMPGLATDQLTNMHDKFPSDLELDMF
HS-FOXO3-NM_001415139.1 407 ---SPVSQSMQTLSDSLSGSSLYSTS----ANLPVMGHEKFPSDLDLDMF
CC-FOXO-XM041212798.1 518 NQLHSLASHGMQMEASDSRLSSCPGG----INISTMSQDKFPTDLDLDMF
BF-FOXO-XP_035685890.1 570 TPLPQISTFGMMHQQSPASLHQQAMANSQANQLLSMHQEKFPSDLELDMF
DM-FOXO-NM_001275628.1 536 NSGSSLSLNQLQAQLQQQQQQQQAQQ----------QQQAQQQ
Ce-DAF16-AF032112.1 500 QAGGQHTHFDL----------
701 .....710.....720.....730.....740.....750
PL-FOXO-MT799801.2 506 KGWSDLDVEMILRNE----------QDLTEG-PDASFDNIGTIGTTATT
SP-FOXO1-XP_030850453 507 KGWSDLDVEMILRNE----------QDLTEG-PDASFDNIGTIGTTATT
HL-FOXO-KAJ8026986.1 537 P-EFDIDMDSFIRNE----------VNLGDGFNNVNFDNINTGNPTSTA
AR-FOXO-XP_033635399.1 546 K-DMHCDIESVIHDE----------LKMDDGNLDFNFD-----GPINNQ
SK-FOXO3-NM_001164968.1 588 NGGLECDVDSIIRNEPDITETAALDFNNLEGNTSSTMGMNLTFSTSSATS
HS-FOXO3-NM_001415139.1 450 NGSLECDMESIIRSELMDAD--GLDFNFDSLISTQNVVGLNVGNFTGAKQ
CC-FOXO-XM041212798.1 564 HGSLECDVESIILNEFMDSE--ELDFNFDCAMPTQSVG-INMATLPTAPQ
BF-FOXO-XP_035685890.1 620 SGGLECDMDSIINTELMEDG--GLEFNFQQDPNNQMGSCAPTSAGMTQSM
DM-FOXO-NM_001275628.1 569 QQQHQQHQQQLLLNNNNNSS----SSLELATQTATTNLNARVQYSQPSVV
Ce-DAF16-AF032112.1 ----------
751 .....760.....
PL-FOXO-MT799801.2 544 MAAPSWVH----------
SP-FOXO1-XP_030850453 545 MAAPSWVH----------
HL-FOXO-KAJ8026986.1 575 NIGTNWVH----------
AR-FOXO-XP_033635399.1 579 TVAPNWVH----------
SK-FOXO3-NM_001164968.1 638 SSTQSWVH----------
HS-FOXO3-NM_001415139.1 498 ASSQSWVPG----------
CC-FOXO-XM041212798.1 611 TTNQSWVPG----------
BF-FOXO-XP_035685890.1 668 TMSQTQTNAGRLGYRETVI
DM-FOXO-NM_001275628.1 615 TSPPSWVH----------
Ce-DAF16-AF032112.1 ----------