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                 391   400       410       420       430       440       450       460       470       480       490       500       510       520
                 |--------+---------+---------+---------+---------+---------+---------+---------+---------+---------+---------+---------+---------|
ItfWRKY53        -------------QATEATIKKARVSYRARSEARMITDGCQURKYGQKMAKGMPCPRGYYRCT-----MATGCPVRKQVQRCAEDRTILITTYEGNHNHPLPPAMAMASTTSSAARKMLLSGSMPSADGA
ItfWRKY65        -------------QATEATMRKARVSYRARSDAPMITDGCQURKYGQKMAKGMPCPRAYYRCT-----MATGCPVRKQVQRCAEDRTILITTYEGNHNHPLPPAMAMASTTSSAARKMLLSGSIPSADG-
ItfWRKY11        -------------QATEATMRKARVSYRARSEAPMITDGCQURKYGQKMAKGMPCPRAYYRCT-----MAAGCPVRKQVQRCAEDRTILITTYEGTHNHPLPPAMAMASTTSSAARKMLLSGSMPSADG-
ItfWRKY52.1------------ASTDATMRKARVSYRARSEAPMISDGCQURKYGQKMAKGMPCPRAYYRCT-----MAVACPVRKQVQRCAEDRTILITTYEGTHNHPLPPAMAMASTTSAAANMLLSGSMPSADM-
ItfWRKY52.2------------ASTDATMRKARVSYRARSEAPMISDGCQURKYGQKMAKGMPCPRAYYRCT-----MAVACPVRKQVQRCAEDRTILITTYEGTHNHPLPPAMAMASTTSAAANMLLSGSMPSADM-
ItfWRKY62        -------------AAEATMRKARVSYRARSEAPMISDGCQURKYGQKMAKGMPCPRAYYRCT-----MAVGCPVRKQVQRCAEDRTILITTYEGTHNHPLPPAMAMASTTSAAANMLLSGAMPSADG-
ItfWRKY3         -------------ASAAATMRKARVSYRARSEASMISDGCQURKYGQKMAKGMPCPRAYYRCT-----MAVGCPVRKQVQRCSDDRAVLKTTYEGTHNHPLPPAMAMASTTSAAASMLLSGAMPSGDV-
ItfWRKY17        -------------LSQPS-VKRARVSYRARCDTPTMNDGCQURKYGQKVAKGMPCPRAYYRCT-----VAPSCPVRKQVQRCADDMSVLITTYEGTHNHPLPVAATAMASTTSAARSMLLSGSTTSQT--
ItfWRKY14        -------------VSQQNPAKRARVSVRVRCDAPTMNDGCQURKYGQKIAKGMPCPRAYYRCT-----VAPSCPVRKQVQRCADDMSILITTYEGTHNHPLPLSATAMASTTSAARSMLMSGSSTSATTS
ItfWRKY37.1------------QHAPAHKKARVSVRIPCDTPYCSDGCQURKYGQKMSKGMPCPRAYYRCT-----MTSTCPVRKQIQRCAEDRSVMIVTYEGEHNHPLPPAARPMASTTSAAATMLLSGAARSADG-
ItfWRKY37.2------------QHAPAHKKARVSVRIPCDTPYCSDGCQURKYGQKMSKGMPCPRAYYRCT-----MTSTCPVRKQIQRCAEDRSVMIVTYEGEHNHPLPPAARPMASTTSAAATMLLSGAARSADG-
ItfWRKY51        -------------ISQHNVRKPRVSYRARCESATHNDGCQURKYGQKIAKGMPCPRAYYRCT-----VAPGCPVRKQVQRCIEDMSILITTYEGTHNHPLPVGATAMAASTASTAASFMFLDSSNPISN
ItfWRKY63        -------------TATSPPNKKTRVSYRARCEAATHNDGCQURKYGQKIAKGMPCPRAYYRCT-----VAPGCPVRKQVQRCLEDRSILITTYEGTHNHPLPVGATAMA-STASAASFMSHLDSTNPISN
ItfWRKY60        -------------AKKVVCVPAPAPANSRPSGEVVPSDLAAURKYGQKPIKGSPYPRGYYRCS-----SSKGCSARKQVERSRTDPNMLYITYTSEHNHPWPTQRNALAGSTRSQAAKNAAAKSSLSQTP
ItfWRKY83.1------HSFSHENPAMQQPAMVHYSQPSQYARAQKAEDGYNARKYGQKQVKGSENPRSYYKCT-----F-PNCPTKKKVERNL-DGHITEIVYKGNHNHPKPQSTRRSSSS--S----------------
ItfWRKY83.2------HSFSHENPAMQQPAMVHYSQPSQYARAQKAEDGYNARKYGQKQVKGSENPRSYYKCT-----F-PNCPTKKKVERNL-DGHITEIVYKGNHNHPKPQSTRRSSSS--S----------------
ItfWRKY80        ------GSYSEYNNQCCPPSQTLREQ--------RRSDDGYNARKYGQKQVKGSENPRSYYKCT-----H-PNCPTKKKVERAL-DGQITEIVYKGNHNHPKPQSTRRSSSSTAS----------------
ItfWRKY28.1------GNCSDYNHQKKQAL-------------RRSDDGYNARKYGQKQVKRSENPTSYYKCT-----H-PNCPTKKKVETTL-EGEITEIVYKGSHNHPMPQTTRRSAAS--------------------
ItfWRKY28.2------GNCSDYNHQKKQAL-------------RRSDDGYNARKYGQKQVKRSENPTSYYKCT-----H-PNCPTKKKVETTL-EGEITEIVYKGSHNHPMPQTTRRSAAS--------------------
ItfWRKY66        KGLDKLQPRRMPEIGAHTPQFDQRSPPSKAP-EKPSEDGYNARKYGQKLVRGNEFIRSYYKCT-----H-TNCTAKRQVERSQ-DGHITEINYIGNHEHPKPQNSPQINAPTIL-----------------
ItfWRKY16        TANMALDTESLKVETSELSQVDS--KYSSGAIEKPASDGYNARKYGQKLVKGSECPRSYYKCT-----H-LNCAVRKKVERSP-DGHIEITYKGKNHHELPKSNKRKQDDCDQ----------------
ItfWRKY33        YDDM-LDAESLKSEPYEVSQSLR--KPAPGVLERPARDGYNARKYGQKLVKGSDCPRSYYRCT-----H-LKCPVKKKVERSY-GGHITEITYKGQHNHELPWPNKRRKDECDL-----------------
ItfWRKY79        VPSQASDHNIMKESSE-VSHSDQRIEPASFPVDKPADDGYNARKYGQKHVKGSEFPRSYYKCT-----H-PKCPVKKKVERSL-EGQITEITYKGQHNHPPPQNRKGAKDPGN----------------
ItfWRKY48        MPLPGRDHNSTKESSSNVSHSDNVSEPCSFPVDKPADDGYNARKYGQKPIKGGEFPRSYYKCT-----H-PNCPVKKKVERSL-DGQITEITYKGKHNHQPPQPRKGAKDTGN----------------
ItfWRKY75        LSPLENRNGASIQEVDNQNSSNSKALSLVPVLKIQAPDGYNARKYGQKQVKSPQGSRSYYRCT-----Y-SDCCAKKIECSDH-TNRVTEIVYRSPHNHEPPRKVNTPKVNKLA----------------
ItfWRKY42        --------HSPPPDELPDEETDQRGSGDPNFLGAPADDGYNARKYGQKQVKGSEYPRSYYKCT-----H-LNCPVKKKVERSQ-EGHITEIYKGANHPKPAPN--RRSALGSANPLGDMQIENSEQAG
ItfWRKY38        --------HSPPPDEQQDEDIDQQGGGDPNAVGAPADDGYNARKYGQKQVKGSEYPRSYYKCT-----H-PNCPVKKKVERSH-EGHITEIYKGTHSHQKPPPN--RRAAFGS---------ENAEQDG
ItfWRKY10        --------HRRSAAAAPAAK-SLANNNNNNNSAGSSSDDGYTARKYGQKHVKGSEYPRSYYKCT-----H-PKCTHKKKVERSP-DGQITEIVYKGANHPKAPATSLRRSPPSLGAESSSSENMSQGSGS
ItfWRKY43.1--------ELNQRGQSNPGIQTLNGDQPAAGAERSSEDGYNARKYGQKLVKGSEFPRSYYKCT-----Y-PNCEVKKIFERSP-DGQITEIVYKGSHDHPKPQPS--RRFTPGS----------------
ItfWRKY43.2--------ELNQRGQSNPGIQTLNGDQPAAGAERSSEDGYNARKYGQKLVKGSEFPRSYYKCT-----Y-PNCEVKKIFERSP-DGQITEIVYKGSHDHPKPQPS--RRFTPGS----------------
ItfWRKY13.1--------DLNQRGKA------YNADQSSYTAERSSDDEYNARKYGQKLVKGSEFPRSYYKCT-----Y-PNCEVKKIFERSP-DGKITEIVYKGSHDHPKPQPS--RRFTPGA----------------
ItfWRKY13.2--------DLNQRGKA------YNADQSSYTAERSSDDEYNARKYGQKLVKGSEFPRSYYKCT-----Y-PNCEVKKIFERSP-DGKITEIVYKGSHDHPKPQPS--RRFTPGA----------------
ItfWRKY13.3--------DLNQRGKA------YNADQSSYTAERSSDDEYNARKYGQKLVKGSEFPRSYYKCT-----Y-PNCEVKKIFERSP-DGKITEIVYKGSHDHPKPQPS--RRFTPGA----------------
ItfWRKY43.2--------ELNQRGQSNPGIQTLNGDQPAAGAERSSEDGYNARKYGQKLVKGSEFPRSYYKCT-----Y-PNCEVKKIFERSP-DGQITEIVYKGSHDHPKPQPS--RRFTPGS----------------
ItfWRKY13.4--------DLNQRGKA------YNADQSSYTAERSSDDEYNARKYGQKLVKGSEFPRSYYKCT-----Y-PNCEVKKIFERSP-DGKITEIVYKGSHDHPKPQPS--RRFTPGA----------------
ItfWRKY26.1------EKKPVENSKMALQNIEEDERSLFQGSSGVDCLSGDGYNARKYGQKQVKGSEYPRSYYKCT-----H-PKCPVKKKVERSSLDDQIAEIVYKGEHNHPKPQLPRTNLRDGPKGVLYSEDTCNETNNPV
ItfWRKY26.2------EKKPVENSKMALQNIEEDERSLFQGSSGVDCLSGDGYNARKYGQKQVKGSEYPRSYYKCT-----H-PKCPVKKKVERSSLDDQIAEIVYKGEHNHPKPQLPRTNLRDGPKGVLYSEDTCNETNNPV
ItfWRKY44.1--------CHCPKKRKTRVKRVYRVPAISLKMADIPPDDYSARKYGQKPIKGSPHPRGYYKCS-----SIRGCPARKHVERALDDPTMLIVTYEGDHNHSRSITEAPSALILESS
ItfWRKY44.2--------CHCPKKRKTRVKRVYRVPAISLKMADIPPDDYSARKYGQKPIKGSPHPR
ItfWRKY49        --------CHCPKKRKSKVKRVYRVPAISLKMADIPPDEYSARKYGQKPIKGSPHPRGYYKCS-----SYRGCPARKHVERALDDPTMLIYTYEGEHHHSHSITDPPAAMILESS
ItfWRKY8         --------CHCPKKRKSRVKRVYRIPAISMKMADIPPDDFSARKYGQKPIKGSPHPRGYYKCS-----SYRGCPARKHVERALDDPTMLIYTYEGEHHHSQSIGDTPASLILESS
ItfWRKY34        --------CHCSKRKKLRQKTVTRVPAISMKMADIPPDDFSARKYGQKPIKGSPHPRGYYKCS-----SYRGCPARKHVERAVDDPAMLIYTYEGEHNHSLSVRET-NSLILESS
ItfWRKY22.1------------CHCSKRKKLRLKRVTRVPAISMKLSDIPPDDYSARKYGQKPIKGSPHPRGYYKCS-----SYRGCPARKHVERAVDDPTMLIYTYEGEHNHSVSVRET-NGLILESS
ItfWRKY22.2------------CHCSKRKKLRLKRVTRVPAISMKLSDIPPDDYSARKYGQKPIKGSPHPR--YSLI-----LVFHV-----INKMISLRFLRLIYYR
ItfWRKY81        --------CHCSKKRKHRVKRSIKVPAISNKLADIPQDEYSARKYGQKPIKGSPHPRGYYKCS-----SMRGCPARKHVERCLEDPSMLIVTYEGDHNHPRVPSQSANT
ItfWRKY46        --------CHCSKKRKHRVKRSIKVPAISNKLADIPQDEYCARKYGQKPIKGSPHPRGYYKCS-----SMRGCPARKHVERCLEDPSMLIVTYEGEHNHPRLASQSTNT
ItfWRKY36        --------VVKVKVPVEKVKVPVEKVQVPAEKVD-EWDGWEWRRYGTKMMNDSPHSKGYYRCNH----EEKKCPAKKHVQLSYMDESTYIVTYKGNHNHPPPVQTTTSKRKKRSWA-------------
ItfWRKY76        --------V-------ENVQVAVEKVEVPVEKVD-EWDGAYWRKYGKKMYNDSPHSKSYYKCNH----EGEKCPAKKHVQLSHMNESKYIITYRGNHNHPPPYQNTTTKRRKKSRD-------------
ItfWRKY82        SSGSCKTTSALKDGRGCYKRRKTCETLIKDS-QALVDQGYYARKYGQKVILNTPYPRWYYRCTH----KFDQKCQATKQVQMIRENPALYRTTYNGNHTCLNF---QKYPQIIVDSTA-------------
ItfWRKY69        SSGSCK--AFVKDRRGCYKRRKTCETQIKES-PNLVDDGHAARKYGQKVILNSKYPRWYFRCTH----KFDQNCQATKQVQQIEEDPPLYRTTYLGKHTCRNF---QKCPQIILLQ-------------
ItfWRKY74        DSGETTGKNKKKGRRGRYKKSKWSETWNKVS-ETQ-EDGGARKYGQKMILHSEHPCYFRCTH----KRDQGCRATKQVQRTSEG--LYQTTYFGYHTCKDP---QRFPRRKP-------------
ItfWRKY20        SGGRNSGDNPAKARRGCYNRSRKCSDTWINV-SNTKEDGGARKYGQKQILNSKYPRCYFRCTH----KHSQGCKATKQVERISEDE--YKTHYFSQHTCQDS---FRAPVLYIKSIS-------------
ItfWRKY59        GFKEQQDYNVSKKRKAMPTWTEQVRVGAENGLEGPTEDGYSARKYGQKDILGAKYPRSYYRCTF---RLMHNCWATKQVQRSDDPTVFDITYKGTHTCNLAPTTSYPPLRSPENQE-------------
ItfWRKY71        GSKDQEYRDISKKRKLMPTWTEQVKVGTDNGLEGPPEDGYSARKYGQKDILGAKYPRSYYRCTY---RAMQNCWATKQVQRSDEDPTTFEITYKGAHTCSQAPK-SYPPLASPKKQD-------------
ItfWRKY23        GDSSKEQCHVFKKRKTSPQWSKQVRVGSARSGLGANLDDGHSARKYGQKDILGAHHPRAYYRCTH----RWTQGCLATKQVQRSDGDASVFEVYTYKGRHSCKA----SMPALISGENER-------------
ItfWRKY35        HSEDSDREYDGSRRRNNAPRWTQKVQVCPGSGLEGHLDDGYSARKYGQKDILGARYPR----CTH---RHAQGCLATKQVQRSDEDPTIFDITYRGRHTCNQAGGNPNPPQNQEPNMP-------------
ItfWRKY21        SDREVRDPTSGRRRKAA-VWTDQVQVSPGEGLEEAHDDGYSARKYGQKKILGAQFPKGYYRCSH---LHSQKCLAKKEIQKSDEDPTVFNVRYRGTHTCN-----NNPSPRPLDNEE-------------
ItfWRKY73        NGADVAEPSRRRRMEEADRTTVYYVLAPQMGNLDMPPEDGYTARKYGQKDILGSRFPRAYYRCTH---QKLYNCPAKKQVQRLDNNPQMLKVTYRYHHRCHMSA--TSPSAAPPPPPT-------------
ItfWRKY30                                MGNVDIPPEDGYTARKYGQKEILGSRFPRAYYRCTH---QKLYSCPAKKQVQRLDDNPFMFQVTYRSNHTCHMS---ATAPSSAPPPPQ-------------
ItfWRKY67        DSAKKPRRELEHQHHIKANTSKIYVKTERSDTSLIYKDGYQARKYGQKVTRDNPCPRAYFRCS-----FAPTCPVKKKVQRSVEDQSILVATYEGEHNHDLP---SKLEQPSATATA-------------
ItfWRKY15.1DSVKKPREEQQPQH-IKSKTSKVYYRTESSDTGLIYKDGYQARKYGQKVTRDNPSPRAYFKCS-----FAPTCPVKKKVQRSVEDQSVLVATYEGEHNHPNP---SKMDQSSTPPAR-------------
ItfWRKY15.2DSVKKPREEQQPQH-IKSKTSKVYYRTESSDTGLIYKDGYQARKYGQKVTRDNPSPRAYFKCS-----FAPTCPVKKKVQRSVEDQSVLVATYEGEHNHPNP---SKMDQSSTPPAR-------------
ItfWRKY39        SSPKRPRE-------TRTPVSRVRVKTDPSDMSLVYKDGYQARKYGQKVTRDNPSPRAYYKCS-----FAPSCPVKKKVQRSVEDPSILIATYEGEHNHPHP---TQPEVLSYPLPQ-------------
ItfWRKY5         SVSKRPRE-------IRTNISRVHVQTDPSDTSLIYKDGYQARKYGQKVTRDNPSPRAYYKCS-----FAPSCLYKKKVQRSVEDKSILIATYEGEHNHPHP---SETT--------Q-------------
ItfWRKY68        DSRSCMLERGLMYS-RDHHESKYTLRIKTNCGNAMADDGYKARKYGQKSIKNSPNPRSYYKCT-------NPKCGAKKQVERCSDDPDTLIITYEGLHLHFAY---PFFTLDNEPNNK-------------
ItfWRKY57        VPKYKRRKSEHKRVYLQYPLEE------------LSDDKAARKYGQKPIKGSPYPRSYYRCS-----SSKGCLARKQVERSCSEPGMFIVTYTAEHCHSQP---TRRNS----LAG-------------
ItfWRKY72        VPKFKRRKNEHKRVYVQVPAEE------------LCEDKAARKYGQKPIKGSPYPRSYYRCS-----SSKGCLARKQVEQSNTAAGMFIVTYTAEHSHSQP---TRRNS----LAG-------------
ItfWRKY24        TPAGKRRKNQMKRLC-QVPAED------------LASDMASARKYGQKPIKGSPYPRGYYRCS-----TSKGCLARKQVERNRSDPNMFIVTYTAEHNHPMP---THRNS----LAG-------------
ItfWRKY54        SPRSKRRKNQLKRVC-QVPAEA------------LSSDYASARKYGQKPIKGSPYPRGYYRCS-----TSKGCLARKQVERNRSDPSMFIVTYTAEHNHPMP---THRNS----LAG-------------
ItfWRKY61        INSPKRSRRAIQKRVYSVPIHDVEGSKLKGESSFPPSDSAARKYGQKPIKGSPYPRGYYRCS-----SSKGCPAKKQVERSRVDPNMLVYTYSCEHNHPWP---AARNNHAHRNAY-------------
ItfWRKY2         RTPSPRKRRGAQKRVYSVPAGDGDGSRSKSKEY-YPPPDSAARKYGQKPIKGSPYPRGYYRCS-----SSKGCPARKQVERSRLDPTMLLITYSSEHNHPHP---TKIHHHYARGTG-------------
ItfWRKY55        VSFPKR-RKSAQKRVTSVTIND-------GEISIPPADSAARKYGQKPIKGSPHPRGYYRCS-----SSKGCPARKQVEKSRADPNVLLVTYFCEHTHSRP---AARN--------A-------------
ItfWRKY27        ASLSKK-RSMAQKYVYRVKLGEGDGRKRKKSEG--PPSDSWSARKYGQKPIKGSPHPRGYYRCS-----TSKGCSAKKQVERSKTDASVLIITYTSTHNHPGP---PEDNW---PTTP-------------
ItfWRKY70        GSKDQEYRDISKKRKLMPTWTEQVKVGTDNGLEGPPEDGYSARKYGQKDILGAKYPRSYYRCTY---RAMQNCWATKQVQRSDEDPTTFEITYKGAHTCSQAPKSYPPLASPKNKT-------------
ItfWRKY64        EDKS--KKMNKGKKKEEKKQREPRFAFITKSEIDNLEDGYRARKYGQKAVKNSPFPRSYYRCT-------TQKCPVKKKVERSHQDPTVITYTYEGQHNHHCPA---TLRGNAARMS-------------
ItfWRKY56        ED----KKETKGKKKAEKKQRQPRFAFNTKSEVDHLEDGYRARKYGQKAVKNSPYPRSYYRCT-------SQKCPVKKKVERSYQDPSIVITYTYEGQHNHHIPT--NLRGTIAGMLP-------------
ItfWRKY4         EDNNSSKKENKGKKKGEKKQRQPRFAFNTKSEVDHLEDGYRARKYGQKAVKNSPYPRSYYRCT-------SQKCPVKKKVERSYQDPSYVITYTYEGQHDHHIPT--NLRGSLAGMLP-------------
ItfWRKY12        DDKSTKINKGAAKKKGEKKQREPRFAFNTKSEIDNLEDGYRARKYGQKAVKNSPFPRSYYRCT-------SQKCTVKKKVERSYEDPTIVYTTYEGQHNHHCPA--TLRGNAYALLS-------------
ItfWRKY78        SDRSKKQLKPKRKN--QKREKEPRYAFNTKSEVDHLEDGYRARKYGQKAVKNSPFPRSYYRCT-------TPACGVKKKVERSSEDPSTVYTTYEGTHGHPCPY--TPRATTVGIMPE-------------
ItfWRKY9         DKTTKKQVKPKNKKNGEKRQREARFAFNTKSEVDQLDDGYRARKYGQKAVKNTHFPRSYYRCT-------AASCGVKKKVERKCEDASIVYTTYEGTHTHPCPIKHTAGSLGIGIMPPNTSSFFP------
ItfWRKY7         PAD----TASKVKKKGQKRIRQPRFAFNTKSEVDHLEDGYRARKYGQKAVKNSPFPRSYYRCT-------NTKCTVKKKVERSSEDPTIVITYTYEGQHCHHTVG--FPRGGFIG-------------
ItfWRKY47        PPPPADTTSSKVKKKGPKRIKQPRFAFNTKSEVDHLEDGYRARKYGQKAVKNSPFPRSYYRCT-------NSKCTVKKKVERSSEDPTVVITYTYEGQHCHHAVG--F-RGGFIG-------------
ItfWRKY25        SS---SSLVDKGKVKVRRKLREPRFCFQTRSDVDVLDDGYKARKYGQKVVKNSLHPRSYYRCT-------HSNCRVKKKVERLSEDCRMVITYTEGRHNHSPCDDSNSSEHDCFTSF-------------
ItfWRKY19        GGLGVSAVKMKKMSKSRRKVREPRFSFKTMSDVDVLDDGYKARKYGQKVVKNTQHPRSYYRCT-------QDNCRVKKKVERLAEDPRMVITYTYEGRHVHSPSHDDDDSQASSQANDLLW-------------
ItfWRKY45        QMIGYSNNEMRRKLKVNKEEQ--TIAFRTKTELPVLDDGYKARKYGQKVVKNSNTNPRMYYKCV-------NEGCNVKKKIERDPEDLDYLITYTEGRHNHESPFVCLLPEDVASLC-------------
ItfWRKY32        QEVKSMRQMV-NTTKAKER-H--SIAFRTKTELEILDDGYKARKYGQKKKVKSNSNPRNYYKCS-------HEGCIVKKKVERDGEDSKFLITEYEGIHNHESPYYIYYY
ItfWRKY31        QEVKSMRQMVVNRTKTKERRH--SIAFRTKTELEMLDDGYKARKYGQKKKVKSNSNPRNYYKCS-------HEGCIVKKKVERDREDSKFLITEYEGIHNHESPYYIYYY
ItfWRKY1         QEVKSMRQMV-NRPKPKER-H--SYAFRTKTEHEILDDGYKARKYGQKKKVKSNSNPRNYYKCS-------HEGCIVKKKVERDREDSKFLLTEYEGIHNHESPYYIYYY
ItfWRKY77        PSSSSAGK-KKGEKKMKKA----RFAFQTRSQVDILDDGYRARKYGQKAVKNNRFPRSYYKCT-------HQGCNVKKQVQRLSKDEGVVYTTYEGVHSHPIEKSTDNFENILSQM-------------
ItfWRKY29        KSSSSGYKIKKGEKKIRKP----RYAFQTRSQVDILDDGYRARKYGQKSVKNNKFPRSYYKCT-------HQGCNVKKQVQRLSKDETVVYTTYEGHHSHPIEKSTDNFENILSQM-------------
ItfWRKY41        GGPRNNGGSYGGGRE--------KFAFKTKSEVEILDDGYKARKYGKKKVKNSPNPRNYYRCS-------YDGCQVKKRVERDKDDPSYVITYTEGIHNHQGPLS
ItfWRKY6         AGPSSSITDSGGGMERTAAGVTEKFAFKTKSDIEILDDGYKARKYGKKKVKNSPNPRNYYRCS-------YNGCPVKKRVERDKEDPSYVITYYGIHNHQGP
ItfWRKY18        PIPTSSNIEYKNRTKKKMERTKSRIAFRIKTELETLDDGFKARKYGKKMVKTSPNPRYNISFN------HL
ItfWRKY58        SENGNKSKGKKLYQSGKKNNFPPRIAFHTRSSEDILDDGFKARKYGQKSVKNSTHPR
ItfWRKY50        ASRGGENCYQKN-KGKRKKYYPPRVAFHTRSTEDILDDGYKARKYGQKSVKNSTHPR
ItfWRKY40        LSQKESSGGVYSKKKGEKKTRMPRFAFQTRSQVDILDDGYRARKYGQKAVKNNKFPSSQLTAQTHLLRILSSIVLASPSPSLIHQSRLFPSPPLSRHGIFLPSLSLLPLSSQRRR
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Fig S1. Alignment of ItfWRKY domain sequences. The alignment was performed by the Multiple interface page (http://multalin.toulouse.inra.fr/multalin/). The conserved WRKY aa and zinc-finger motifs are highlighted in red. Gaps are indicated by dashes.