

DREB Subfamily (Groups I-IV)

Double domains

PITA_44360: LFKGIRMRKWKGVVSEIRVPSKGRIVLGSYDTPPEAARAYDFAVYCLRGPEAKFNFP: 58
PITA_05232: QFKGIRMRKWKGVVSEIRMPHSTCRIVLGSYDTPPEAARAYDFAAYCLRGSKAKLNFP: 58
PITA_44447: QFKGIRMRKWKGVVSEIRMPHSTCRIVLGSYDTPPEAARAYDFGVYCLRGSKGKFNFP: 58

AP2-1 domain

Single domain

PITA_00259: VYRGVRRMSWCKVSEIREPKKKSRIWLGTFPTPELAAQAHVATLIILKCKSTFLNFP: 58
PITA_00833: QYKGIRMQKQKSWVCEIRMAKTREKIWLGSYKTABQAAARAYDAGVYCLKGPNKFNLP: 58
PITA_01000: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRAEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_01074: QFKGIRLRKWKGVSEIRMPNCRAKIWLGSYDTPPEAARAYDFAAYCLRGSKARFNFP: 58
PITA_01484: KYRGVKRSNRK-ITAAASNRKSKSVHLGTFPTADMAAVAYTAAVLVLRGESANRLFP: 57
PITA_02225: QFKGVRMRRWGKSVSEIRAPTQKTRIVLGSYSTPEAAARAYTAALLCLKG-----: 50
PITA_02539: QFKGIRQKRWGKSVSEIRMPRSRKKIWLGSYTTPEAARAYTAAV---RCRNDFNF-: 54
PITA_02556: QFKGVRLRKWGSVSEIRMPKRSREKLWLGSYPTVEQAAALAYTAAYVYCLRGPTSKFNFP: 58
PITA_02581: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRAEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_02889: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRAEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_03623: KFKGIRMRKWKGVSEIRMPHSTRIVLGSYDTPKMAARTYDFVMHCLKGSKAKFNFP: 58
PITA_04364: QFKGIRMRKWKGVSEIRMPNSRGRIWLGSYDTPPEAARAYDCAVYCLRGCKARFNFP: 58
PITA_04644: RFRGVRRRSGWKGVSEIRMLRCRSRVWLGSYHTABQAAARAYTAASFCLRGPAFLNFP: 57
PITA_04978: KFKGIRLRLEWQ----KIRIPRSREKIYLGSYKTABQAAARAYTAALYCLRGPNKAKFNFP: 54
PITA_05436: QFKGIRLRKWKGVSEIRMPKRSREKLWLGSYKKPEQAAARAYTAAYVYCLRGPNKAKFNFP: 58
PITA_05918: -----MRSWGRVSEILEPKKKSMMVLTGTFPTPEMAARAHVVAALSVKGS AFLNFP: 52
PITA_06552: KFKGIRLRLEWQISIRIPRSREKIYLGSYKTVEQAAAFDAAMYLKRVNPKAKFNFP: 58
PITA_06555: LYRGVQRHWGKGVSEIRLPDRNRLWLGTETETABEATLAYRQLSVLQSGVDKLOCE: 58
PITA_06713: VYRGVRRMSWCKVSEIREPKKTRIVLGTFRTPPEMAARAHVVAALSVRNSAFLNFP: 58
PITA_06934: -----MRKWKGVSEIRMPNSRGRIWLGSYDTPPEAARAYDCAVYCLRGCKARFNFP: 52
PITA_06985: KILGVRSAAMPCKKXSEIQCG-GQRIISLGTFGRPEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_07517: QYRGVQRQSWCKGVSEIRQPGKRTIRWLGTFTATAEQAAQAYDAAAILLYGSRHLLNLQ: 58
PITA_07540: NYRGVQRQWCKGVSEIREPNRGARLWLGTFTDABQAAALAYDAAARALYGSNDANLNLFP: 58
PITA_07979: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRAEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_09315: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRAEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_09926: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRAEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_10070: QFKGIRLRKWKGVSEIRIPRSRDKIYLGSYKTABQAAARAVAAAMYCLRGPNKAKFNFP: 58
PITA_11141: NYRGVRRRWGKGVSEIREPKKRRIVLGSYDTPPEMAARAHVVAALCLRGKAFLNFP: 58
PITA_13056: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRAEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_13952: -----MRSWVKVSEIREPKKTRIVLGTFRTPPEMAARAHVVAALSVKCNSTFLNFP: 52
PITA_14277: PYRGVRRMKWKGVSEVREPNKRSRIWLGSYSTPEAAARAYDTAVFYLRGPTLNF: 58
PITA_15245: QFKGVRMRKWKGVSEIRTPKTRAKIWLGSYKKAQAAARAYTAAYVYCLRGPDAKFNFP: 58
PITA_15448: QFKGIRKRWKGVSEIRMPNSSGRIVLGSYDTPKAAARAYDFAVYCLRGSKAKLNFP: 58
PITA_15796: QYRGVQRQSWCKGVSEIRQPGKRTIRWLGTFTATAEQAAQAYDAAAILLYGSRHLLNLQ: 58
PITA_18168: KILGVRSSMPCKKXSEIRCG-GQRIISLGTFGRPEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_18762: MYRGVRRRWKGVSEIREPKKKSRIWLGSFPTPEMAARAHVVAALCLKGHSAFLNFP: 58
PITA_18921: IYRGVRRRWKGVSEIREPKKKSRIWLGSYDTPPEMAARAHVVAALCLRGKAACLNFP: 57
PITA_19406: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRAEQAAARAYTAACLALRGNSAVRNFP: 58
PITA_21392: VYRGVRRMSWCKVSEIREPKKTRIVLGTFRTPPEMAA-----LSVRNSAFLNFP: 51
PITA_22192: GYRGVRRRWKGVSEIREPKKTRIVLGSFDTPEMAARAHVVAAFHLKGKKALLNFP: 58
PITA_22354: KFKGIRMRKWKGVSEIRMPKSTGRIVLGSYKTABQAAARAYTAAYVYCLRGPNKAKFNFP: 58
PITA_22465: PYRGVRRRWKGVSEIQEPKKTTRIVLGSFDTPEMAARAHVVAAFHLKGKKALLNFP: 58
PITA_22634: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRAEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_23893: SYVGVRKKRWGKSVSEIRQPGKQSRIVLGSYSTPEQAPSADHAAAFALRGDSILNFP: 58
PITA_24014: VYTVGRKKRWKGVSEIREPKKKSRIWLGSFSTPEMAARAHVVAALCLKGPLALLNFP: 58
PITA_24062: QFKGIRYRKWGSVSEIRMPRSRQKIVLGSYTTABQAAARAFDAAYVYCLRGPNKAKFNFP: 58
PITA_24646: QFKGIRLQEWCKGVSEI----REKIYLGSYKTABQAAARAFDAAMYCLRGPNKAKFNFP: 53
PITA_25139: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRAEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_25174: QFKGIRLRKWKGVSEIRMPRSRKKIWLGSYTTPEAARAYTAAYVYCLRGCKAKFNFP-: 57
PITA_25177: AYRGVRRRSWCKVSEIKEPKKKTETCLGSFDTPEMAARAYDVAEVYLGKKKALLNFP: 58
PITA_25473: KYRGVKLTNRK-ITAAASYRKSXSVHLGTFPTADMAAVAYTAAVLVLRGESANRLFP: 57

AP2 domain

PITA_44360: QFKGIRMRKWKGRVWSEIRIPNSKCKIWLGSYDTPPEAARAYDFAVYCLRGPEAKFNFP: 58
PITA_05232: QFKGIRMRKWKGVVSEIRMPHSTCRIVLGSYDTPPEAARAYDFAAYCLRGSKAKLNFP: 58
PITA_44447: QFKGIRMRKWKGVVSEIRMPHSTCRIVLGSYDTPPEAARAYDFAVYCLRGSKGKFNFP: 58

AP2-2 domain

PITA_25668: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRAEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_26078: VYRGVRRMSWCKVSEIREPKKKSRIWLGTFPTPEMAARAHVVAALSHKGS AFLNFP: 58
PITA_26547: VYRGVRRRWKGVSEIREPKKKSRIWLGSFSTPEMAARAHVVAALCLKGHSAFLNFP: 58
PITA_26603: -YRGVRRRWGRVSEIRQPGTKTRIVLGSYDKPEMAARAYDVAVSLKGSALPNFP: 57
PITA_26836: PFKGIRQKWKGVSEVRIPNSSGRIGLGSYDTPPEAARAYDFAVYCLRGSKANLFP: 58
PITA_27078: VYRGVRRMTGKGVSEIREPKKKSRIWLGTFPTPEMAARAHVVAALSHKGS AFLNFP: 58
PITA_27461: QFKGIRMRKWKGVSEIRMPHSTCRIVLGSYDTPPEAARAYDFAAYCLRGSKAKLNFP: 58
PITA_28041: -----MRSWGRVSEILEPKKKSMMVLTGTFPTPEMAARAHVVAALSHKGS AFLNFP: 52
PITA_28146: QFKGIRMRKWKGVSEIRMPRSKERIVLGSYKTABQAAARAYTAALYCLRGPNKAKFNFP: 58
PITA_28685: QFKGIRMRKWKGVSEIRIPKTRKIVLGSYKTABQAAARAYDAGIYCVRGPNKAKFNFP: 58
PITA_30567: KYRGVKRSNRK-ITAAASNRKSKSVHLGTFPTADMAAVAYTAAVLVLRGESANRLFP: 57
PITA_31683: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRAEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_31761: QFKGIRMRKWKGVSEIRMPKTRKIVLGSYKIPEQAAARAYTAAYVYLRGPKAKFNFP: 58
PITA_32731: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRAEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_33019: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRPEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_33872: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRAEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_35223: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRAEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_36019: KFKGIRMRKWKGVSEIRMPKTGKIWLGSYETABQAAARAYTAALYCLRGPNKAKFNFP: 58
PITA_36346: QFKGIRMRKWKGVSEIRMPNSIGRIWLGSYDTPPEMAARAYDFAVYCLRGSKGKFNFP: 58
PITA_38441: LYRGVQRQHWKGVSEIRLPNRNRLWLGTFTDABQAAALAYDRAAYLRGCEYARLNFP: 58
PITA_38619: KILGVRSAAMPCKKXSEIRAPHQKTRIVLGSYSTABQAAARAYTAAVLVLRGSSATLFP: 58
PITA_38867: KYRGVKRSNRK-ITAAASNRKSKSVHLGTFPTADMAAVAYTAAVLVLRGESANRLFP: 57
PITA_39167: LYVGVRKRDWGSVSEIRVPGKRRIVLGSYSTPEMAACAHVVAFAALRGHSAFLNFP: 58
PITA_39684: QFRGVQRKWKGVSEIRMPNSNGRIWLGSYDTPPEAARAYDFAVYCLRGSKVKLNFP: 58
PITA_40721: NYRGVQRQWCKGVSEIREPNRGSRIWLGTFSADABQAAARAYDQARVYVSCARLNFP: 58
PITA_41215: QFKGIRMRKWKGVSEIRMPRSREIRIVLGSYKTABQAAARAYTAALYCLRGPNKAKFNFP: 58
PITA_41382: VYRGVRRMSWCKVSEIREPKKTRIVLGTFRTPPEMAARAHVVAALSVKCNSTFLNFP: 58
PITA_42024: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRAEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_42265: KYRGVKLTNRK-ITAAASYRKSXSVHLGTFPTADMAAVAYTAAVLVLRGESANRLFP: 57
PITA_43679: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRAEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_43769: LLLQHQNQKWHGAVSEIRLPNRNRLWLGTFTDABQAAALAYDRAAYLRGCEYARLNFP: 58
PITA_43933: KYRGVKRSNRK-ITAAASNRKSKSVHLGTFPTADMAAVAYTAAVLVLRGESANRLFP: 57
PITA_44206: PYRGVRRRWKGVSEIQEPKKTTRIVLGSFDTPEMAARAHVVAAFHLKGKKALLNFP: 58
PITA_44753: QFKGIRLRKWKGVSEIRMPKCRQKIVLGSYSTABQAAARAYTAAYVYCLRGPNKAKFNFP: 58
PITA_44782: QFKGIRLRKWKGVSEIRVPKSRANIVLGSYETABQAAARAYDFAAYCLRGPTSTFNFP: 58
PITA_46155: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRAEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_46353: QFKGIRMRKWKGVSEVRIPNSSGRIVLGSYDTPPEAARAYDFAVYCLRGSTAKLNFP: 58
PITA_46383: KYRGVKRTNRK-ITAAASYRKSXSVHLGTFPTADMAAVAYTAAVLVLRGESANRLFP: 57
PITA_47168: QFKGIRLRKWKGVSEIRMPKRSREKLWLGSYKKPEQAAARAYTAAYVYCLRGPNKAKFNFP: 58
PITA_48410: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRAEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_48797: LYVGVRKKWGRVSEIRVPGKRAMIVLGSYSTPEMAACAHVVAFAALRGHSAFLNFP: 58
PITA_48806: QFKGVRMRRWGKSVSEIRAPTQKTRIVLGSYSTQEAARAYTAALLCLKGSAFLNFP: 58
PITA_49362: TYKGVRRRSWKGVSEIKEPKKRRKIVLGSFDTPEMAARAYDVAEFYLGKKKALLNFP: 58
PITA_49473: QFKGIRLRKWKGVSEIRMPNCRAKIWLGSYSTPEAARAYDFAAYCLRGSKARFNFP: 58
PITA_50024: VYRGVRRMSWCKVSEIREPKKTRIVLGTFRTPPEMAARAHVVAALSVRNSAFLNFP: 58
PITA_50199: KYRGVKLTNRK-ITAAASYRKSXSVHLGTFPTADMAAVAYTAAVLVLRGESANRLFP: 57
PITA_50216: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRPEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_50272: QFKGIRRRKWKGVSEIRMPNSSGRIVLGSYDTPPEAARAYDFAVYCLRGSKAKLNFP: 58
PITA_50663: KFKGIRMRKWKGVSEIRMPKSTGRIVLGSYKTABQAAARAYTAAYVYCLRGPNKAKFNFP: 58
PITA_51224: KILGVRSAAMPCKKXSEIRCG-GQRIISLGTFGRAEQAAARAYTAACLALRGNSAVRNFP: 57
PITA_51750: LYRGVQRQHWKGVSEIRLPNRNRLWLGTFTDABQAAALAYDRAAYLRGCEYARLNFP: 58

AP2 domain