

A. Tandem arrays.

Chr Number	Entry Number	AtbHLH Number	PID Number	
3	8	38	CAB72167	PVVVKKLHNHNASERDRRKKINLTLFSSLRSCLEPASDQSKKLSIPETVSKSLKMTPELQQGVK
3	9	39	CAB72168	PVVVKKLHNHNASERDRRKKINSLFSSLRSCLEPASGQSKKLSIPATVSRSLKMTPELQGVK
2	23	10	AAD20667	GRGSRKRTSPTEERERFVHFHDFRFFDKNHFNP..TK..IDRASIVGEATDWTKEELRTIE
2	25	91	AAD20666	GRGKRKNKPFTEERBRCHLNERVEALKLLEPSP..SK..GRASILEQDCIDWINELERRRVS
2	26	19	AAC63587	RSPVLAKHEVLAERKRRRKLSEKFIASALLPGL..KK..ADKVTITDDAISRMRKQLEELR
2	27	20	AAC63588	REPHLLKEHVLAERKRRRKLNERHIAISALLPGL..KK..TDKATVLEDAIKHLKQLQERVK
2	28	18	AAC63586	RSQSNAQDEHILAERKRRRKLTCRFVALSALLPGL..KK..MDKASVLEGDAIKHIRYLCQESVK
5	36	5	BAB08920	NGREEPLNHVEAERQFRFKLNQRFYSLRSVVFNV..SK..MKASVLEGDAISWINELEKSKLQ
5	40	28	BAA97217	HGRDKPLNHVEAERMRRRKLNERFYALRAVFNV..SK..MDKASVLEGDAISWINELEKSKAE
2	56	106	AAD11998	RALAAALRNHKEAERRRRERINSHLNKLRNVLSCN..SK..TKKATLAKVQVRREIKQITL
2	57	51	AAD25935	KAESLSRSHRLAERKRRDRINSHLITAKRKLVPNS..DK..LKAALATVHEQVRELKQKAA
2	69	130	AAB88652	KRGCATHPRSTAEERRETRISERMKIQELVFNM..DKQTNISDMLDLAVDITLIDLQRYK
2	73	129	AAC64303	KRGFATHPRSTAEERRETRISGKLLKIQELVFNM..DKQTSYADMMLDAVEHILGLGHVE
4	104	119	CAA22971	KRSRAAMHNLSERRRRERINERMKIQELVPC..RNV..DKVSMLEDVIEIVVSLQQLIQ
4	105	138	CAA2297B	KRSRAAMHNLAERRRRERINERMKIQQLVPC..NRV..DKVSMLEDVIEIVVSLQEMLIQ
4	106	56	CAA22972	KRSRTAEMHNLAERRRRERINERMKIQQLVPC..NRV..EKVETDDAIEIVVSLQSLIQ
4	107	23	CAB81467	KRSRAAIMKLSERRRRERINEMMKALQELVPC..TKT..DRSSMLDDVIEIVVSLQSLIQ
4	80	58	CAB80320	RRGEATDRHSLAERARRRERISKMKIQQLVFGC..NVVITGKAGMLDEIINWVQSLQQVE
4	84	63	CAA18832	RRQATDSHSLAERVRREKISERMKIQQLVFGC..DKVITGKAGMLDEIINWVQSLQQLVE
3	61	113	BAA99700	GKRNEKSSVGIKAVRERLGERITAAQQQLVSPYG..KT..DAASVHEBAMGTRIFLQDRIQ
3	63	123	BAB02240	RAKSEAAASPSPAFK..RKEKMGDRITAAQQQLVSPFG..KT..DAASVHEBATEMTRIFLHQVVS
4	3	126	NM118673	NKKKKLLEHDIERQRRQEMATLFAITRTHLEPLKYIKGKRAVDHVNGLVNFITDITRKI
4	5	118	NM118672	MEKLVHEKIEKRRRQEMASLYASRSELEPLFIQGKRSTSDQVKGAVNVIDYLRNLIK
5	4	120	NP199992	TKKEKLLHRNIEERQRRQEMAILFASTRSQLEPLKYIKGKRAMDHVNGLVSPFITDITRNIK
5	6	36	NM124557	MEKMMHRETERRQRRQEMASLYASRSELEPLHFIKGKRSTSDQVNEAVNVIDYLRNLIK

B. Intrachromosomal duplications.

Chr Number	Entry Number	AtbHLH Number	PID Number	
1	76	50	AAF24852	RRQATDSHSLAERVRREKINERLKLQQLVFGC..YKIMGMATMLDEIINWVQSLQNOVE
1	77	44	AAF25996	RRQATDSHSLAERVRREKINERLRLQQLVFGC..YKAMGMATMLDEIINWVQSLQNOVE
1	88	31	BAA87957	RRQATDSHSLAERARRRERISERMKIQQLVFGC..NVVITGKALVDEIINWVQSLQROVE
1	90	74	AAC34336	RRQATNSHSLAERVRREKISERMRLQQLVFGC..NVVITGAVLDEIINWVQSLQROVE
5	128	142	BAB09865	STKEDTGSGLSDQSQKDKIRTAIKLIESVVPGA..RGNBALLLDEAIDVRLKRDLI
5	129	143	CAC05472	SSQETGSGLSDSQSQKDKHTALRIKIESVVPGA..RGNBALLLDEAIDVRLKQSLN
4	62	103	CAA20199	IDYIKFPKTLIDKVKRKLGRITAAQQQLVSPFG..KT..DASVHEBATEMTRIFLQEQID
4	65	114	CAB81059	RPRLETLSPLPSFKVKEKLCRITAAQQQLVSPFG..KT..DASVHEBATEMTRIFLQEQVT

C. Interchromosomal duplication.

Chr Number	Entry Number	AtbHLH Number	PID Number	
3	8	38	CAB72167	PVVVKLNENASERDRRKKINTLFSSRSCLFASDQSKLSIPETVSKSLKYIPPELQOVK
3	9	39	CAB72168	PVVVKLNENASERDRRKKINTLFSSRSCLFASGQSKLSIPATVSRSLKYIPPELQOVK
2	7	100	AAC78547	PVVVKLNENASERDRRKKINTMFSSRSCLFPTNQTAKLSVSATVSCDLKYIPPELQOVK
2	11	67	CAB71902	EIENQRINHTIABERNRRRQMNBEHINSRALFLPSYIQR.GDQASIVGGAINVYVVEEQITQ
4	13	70	AAC33499	EIESQRMTHIABERNRRRQMNVLNSRSILPSSYIQR.GDQASIVGGADDFVKIIEQQLQ
1	24	89	AAF80214	GRGSKRRIFFPTERRRVVFKDFFGDKNLIENP..TQ.NDRASIVGPAIDYVKEELRRTLD
2	23	10	AAD20667	GRGSRKRTSPTERRRVHFNDRFFDKNLIENP..TQ.IDRASIVGPAIDYVKEELRRTIE
2	25	91	AAD20666	GRGKRKNKPFTEERRRCHLNERYEAKLLLESP..SQ.GDRASILDQGLDYVNEVRRRVS
4	29	25	CAB38933	RNQSNAQDHLIABRRRRRKLTOEFVALSALVLEGL..KK.MDKASVIGDALKHRYVLCERVG
2	26	19	AAC63587	RSPVLAKEHVLABRRRRRKLSEKFIASALVLEGL..KK.ADKVTLDDATSRMKQLQOLR
2	27	20	AAC63588	REPHLLKEHVLABRRRRRKLNEFLIALSALVLEGL..KK.TDKATVLEPAKHLKQLQOLR
2	28	18	AAC63586	RSQSNAQDHLIABRRRRRKLTOEFVALSALVLEGL..KK.MDKASVIGDALKHRYVLCERVK
4	37	4	CAA17131	NGREPLNHVEARQRREKLNQRFYSLRVAVVNV..SQ.MDKASLIGDASTYVSEVSKSLQ
5	36	5	BAB08920	NGREPLNHVEARQRREKLNQRFYSLSRVAVVNV..SQ.MDKASLIGDASTYVSEVSKSLQ
5	40	28	BAA97217	HGRDKPLNHVEARMRREKLNHFYALRAVAVVNV..SQ.MDKTSLLEDAVQVYVNEVSKKAE
4	55	107	CAC00740	KALASLRNHKEAERRRRARTNSHLNKRKLVLSGN..SQ.TDKSTLDAKVVQRMKELKQOTL
2	56	106	AAD11998	RALAALRNHKEAERRRRRTNSHLNKRNLVLSGN..SQ.TDKATLAKVVQRMKELKQOTL
2	57	51	AAD25935	KAESLSRSHLAEKRRRDRINSHLTALRKLVSNS..DK.LDKAALVATVVEQVKEVKKQAA
2	101	15	AAD24380	KRSRAAEVHNLSERRRRDRINERMKALQELIFRC..NNS.DKASMLDEADYVKSLEQLQ
4	104	119	CAA22971	KRSRAADMHNLSERRRRDRINERMKALQELIFRC..NRV.DKVSMLDEADYVKSLEQLQ
4	105	138	CAA2297B	KRSRAAEMHNLABRRRRRKLMBENKTLQQLIFRC..NRV.DKVSMLDEADYVKSLEMLQ
4	106	56	CAA22972	KRSRTAEMHNLABRRRRRKLNEKMKTLQQLIFRC..NRV.EKVSMLDEADYVKSLEQLQ
4	107	23	CAB81467	KRSRAAMHMLSEERRRRKINEMMKALQELIFRC..TQT.DRSMLDDEADYVKSLEQLQ
2	102	9	AAD22130	KRSRAAEVHNLSERRRRDRINERMKALQELIFHC..SQT.DKASLIDDEADYVKSLEQLQ
3	103	65	CAB86934	KRSRAAEVHNLSERRRRDRINERMKALQELIFHC..SQT.DKASLIDDEADYVKSLEQLQ
2	79	64	AAD15506	RRGQATDRHSLABRRARREKTSKMKYQLDVLVGC..NNTVTGKAGMLDEIINNVQSLQROVE
4	80	58	CAB80320	RRGEATDRHSLABRRARREKTSKMKKCLQDVLVGC..NNTVTGKAGMLDEIINNVQSLQOQVE
4	84	63	CAA18832	RRGQATDSHSLAEVVRREKTSERMKFLQDVLVGC..DKITGKAGMLDEIINNVQSLQROIE
1	92	7	AAD25805	RRGQATDPHSLABRLRRRRLABRIRSLQELVPTV..NNT.DRAAMIDEIVDYVKFIRLOVK
4	93	59	CAB80752	RRGQATDPHSLABRRRRRRLABRIRALQELVPTV..NNT.DRAAMIDEIVDYVKFIRLOVK
2	94	69	CAA18195	RRGQATDPHSLABRLRRRRLABRMKSLQELVNG..NNT.DKASMLDEIIVDYVKFIRLOVK
4	95	66	AAD03387	RRGQATDPHSLABRLRRRRLABRMKALQELVNG..NNT.DKASMLDEIIVDYVKFIRLOVK
3	135	34	BAA95734	SCSKPG.TKACREKLLREKLNDFVDFSSVLEPGRTPPT.DKPAILLDDAARVNVQIRGEAH
4	136	104	CAB78483	SCSRGGGTKACREDRRRRKLNERFMDLSSVLEPGRTPPT.DKPAILLDDAARVNVQIRDEAL
3	117	37	CAB62312	NVRISKDPQSVAAHRRRRRRLSBRIRIQLQVLVGG..TK.MDTASMLDEADYVVKFKKKQVQ
5	118	88	NF201507	NVRISKDPQSVAAHRRRRRRLSBRIRIQLQVLVGG..TK.MDTASMLDEADYVVKFKKKQVQ
2	110	124	AAC34226	KKRKSTVEKLYEERKDFEFKMKRALQDLFNC..YK.DKASLIDDEADYVVKFIRLQOVQ
3	111	132	BAC10690	KKRKNABAYNSPERCNDINKKMRTOQLFNS..HK.DDNESMLDEADYVMTNGLQOVQ
2	97	48	AAD23713	HSLAERVHNLTDMARREKINARMKLQELVGC..DKIQGTALVLEIINHVOQLQROVE
3	91	60	CAB67608	RRGQATDSHSLABRRARREKINARMKLQELVGC..DKIQGTALVLEIINHVOQLQROVE