

	10	20	30	40	50	60	70	
BoBBX1	-----	PLCDICGERRALLFCQKDRAILCRECDIPIHQANEHTKKHNRFL						45
BoBBX19	-----	PLCDICGERRALLFCQEDRAILCRECDIPIHQANEHTKKHNRFL						45
BoBBX11	-----	PLCDICQEKKALLFCQQDRAILCKDCDSSIHSANEQVKKHNRFL						45
BoBBX29	-----	ICDICQEKKALLFCQQDRAILCKDCDTSIHSANEHKKKHNRFL						44
BoBBX32	-----	CDICQEKKALLFCQQDRAILCKDCDSSIHSANEHTKKKHNRFL						43
BoBBX12	-----	PKCDICQEASGFFFCLODRAILCRKCDVAIHTVNPVSAHQRFLL						45
BoBBX33	-----	PKCDICQEASGFFFCLODRAILCRKCDVAIHTVNPVSAHQRFLL						45
BoBBX28	----	SKPKCDICQEATGFFFCLODRAILCRKCDVSIHTVNPVSAHQRFLL						47
BoBBX47	TTSSA	APICDICKERKGYFFCLDDRALLCNDGAIHIC	----	SSHQRFLL				47
BoBBX41	-----	RRCDICQEKAAFIFCVEDRAILCRDCDESIHVANSRSANHQRFLL						45
BoBBX44	-----	PRCDICQEKAAFIFCVEDRAILCKDCDESIHLANSRSANHQRFLL						4
BoBBX21	-----	PPCDICLEKAAFIFCVEDRAILCRDCDEGTHAPNTRSANHQRFLL						44
BoBBX18	-----	APCDICENAPAFFYCEIDGSSSLCQCDMVVHVGGKR	--	THGRFLL				44
BoBBX40	-----	APCDICENAPAFFYCEIDGSSSLCQCDMVVHVGGKR	--	THGRFLL				44
BoBBX43	-----	APSCDICENAPAFFYCEIDGSSSLCQCDMVVHVGGKR	--	THRRFLL				44
BoBBX31	-----	CGFCCKNPQCVVRCLDHKMFCLNGCNEKIHGVS	--	SKHVRHDV				41
BoBBX7	---	ERVRVCEACERAPAAFFCKADAASLCIACDSQVHLANPLARRHQRFLL						48
BoBBX50	---	ERVRVCEQSCERAPAAFFCKADAASLCIACDSQIHSANPLARRHQRFLL						48
BoBBX6	--	AKRVRVGDSCESAPAAFLCKADAASLCIACDAEIHSANPLASRHQRFLL						53
BoBBX51	---	KRVRVCECERAPAAFMCEADDVSLCTACDLEVHSANPLARRHQRFLL						48
BoBBX8	-----	ICEVCEQAPAAVTCKADAASLCVTCDSDIHSANPLASRHQRFLL						44
BoBBX49	-----	ICEVCEQAPAAVTCKADAASLCVTCDSDIHSANPLASRHQRFLL						44
BoBBX38	---	RVVMCEVCEQAPAAVTCKADAAALCVTCDRDIHSANPLARRHQRFLL						45
BoBBX46	---	RVVMCEVCEQAPAAVTCKADAAALCVTCDRDIHSANPLARRHQRFLL						47
BoBBX22	---	RVWLCEVCEQAPAAVTCKADAAALCVTCDRDIHSANPLSRRHQRFLL						47
BoBBX5	-----	VCERCNAQPAIVRCVEERVS	LCQNC	DW				27
BoBBX27	-----	VCERCNAQPAIVRCVEERVS	LCQNC	WSGH				30
BoBBX14	-----	VCERCNAQPAIVRCVEERVS	LCQNC	WSGH				30
BoBBX13	-----	ICERCNAQPASVRCSDERVS	LCQNC	WSGH	NND			33
BoBBX37	-----	CERCNAQPASVRCSDERVS	LCQNC	WLGH				29
BoBBX17	-----	ICDNCGSEPVSVRCFTD	SLVLCQCD	WDVH				30
BoBBX34	-----	ICDNCGSEPVSVRCFTD	NLVLCQCD	WDVH				30
BoBBX52	-----	RICDNCGSEPVSVRCFTD	DLVLCLECD	WDVH				31
BoBBX20	-----	ICDSCDDSPSSVFC	DTESVLCQNC	DWQ				28
BnABBX1	-----	PLCDICGERRALLFCQEDRAILCRECDIPIHQANEHTKKHNRFL						45
BnCBBX51	-----	PLCDICGERRALLFCQEDRAILCRECDIPIHQANEHTKKHNRFL						45
BnABBX32	---	KDAPLCDICGKRRALLFCQEDRAILCRECDIPIHQANEHTKKHNRFL						68
BnCBBX64	-----	PLCDICGERRALLFCQEDRAILCRECDIPIHQANEHTKKHNRFL						65
BnABBX9	-----	ICDICQEKKALLFCQEDRAILCKDCDSSIHSANEHVKKKHNRFL						44
BnCBBX57	-----	PLCDICQEKKALLFCQQDRAILCKDCDSSIHSANEQVKKKHNRFL						45
BnABBX27	-----	ICDICQEKKALLFCQQDRAILCKDCDTSIHSANEHKKKHNRFL						44
BnABBX44	---	NSSPICDICQEKKALLFCQQDRAILCKDCDSSIHSANEHTKKKHNRFL						48
BnCBBX78	-----	CDICQEKKALLFCQQDRAILCKDCDSSIHSANEHTKKKHNRFL						43
BnABBX10	-----	PKCDICQEASGFFFCLODRAILCRKCDVAIHTVNPVSAHQRFLL						45
BnCBBX58	-----	PKCDICQEASGFFFCLODRAILCRKCDVAIHTVNPVSAHQRFLL						45
BnCBBX77	-----	QEASGFFFCLODRAILCRKCDVAIHTVNPVSAHQRFLL						39
BnCBBX79	-----	PKCDICQEASGFFFCLODRAILCRKCDVAIHTVNPVSAHQRFLL						45
BnABBX30	-----	PKCDICQEASGFFFCLODRAILCRKCDVAIHTVNPVSAHQRFLL						45
BnABBX48	-----	PKCDICQEATGFFFCLODRAILCRKCDVAIHTVNPVSAHQRFLL						45
BnCBBX73	---	SKPKCDICQEATGFFFCLODRAILCRKCDVSIHTVNPVSAHQRFLL						47
BnABBX38	---	STAPLCDICKERKGYFFCLDDRALLCNDGAIHIC						44
BnCBBX89	---	AAPLCDICKERKGYFFCLDDRALLCNDGAIHIC						43
BnABBX16	-----	PPCDICLEKAAFIFCVEDRAILCRDCDEATHAPNTRSANHQRFLL						44
BnCBBX68	-----	PPCDICLEKAAFIFCVEDRAILCRDCDEATHAPNTRSANHQRFLL						44
BnABBX19	-----	PPCDICLEKAAFIFCVEDRAILCRDCDEGTHAPNTRSANHQRFLL						44
BnCBBX98	-----	PPCDICLEKAAFIFCVEDRAILCRDCDEGTHAPNTRSANHQRFLL						44
BnABBX36	-----	PRCDICQEKAAFIFCVEDRAILCRDCDESIHVANTRSANHQRFLL						44
BnCBBX84	-----	PRCDICQEKAAFIFCVEDRAILCRDCDESIHVANTRSANHQRFLL						44
BnABBX40	-----	PRCDICQEKAAFIFCVEDRAILCRDCDESIHVANSRSANHQRFLL						44
BnCBBX69	-----	PRCDICQEKAAFIFCVEDRAILCRDCDESIHVANSRSANHQRFLL						44
BnABBX39	-----	PRCDICQEKAAFIFCVEDRAILCKDCDESIHVANSRSANHQRFLL						44
BnCBBX87	-----	PRCDICQEKAAFIFCVEDRAILCKDCDESIHLANSRSANHQRFLL						44
BnABBX33	-----	APCDICENAPAFFYCEIDGSSSLCQCDMVVHVGGKR	--	THGRFLL				44
BnCBBX63	-----	APCDICENAPAFFYCEIDGSSSLCQCDMVVHVGGKR	--	THGRFLL				44
BnCBBX83	-----	APCDICENAPAFFYCEIDGSSSLCQCDMVVHVGGKR	--	THGRFLL				44
BnCBBX85	-----	APSCDICENAPAFFYCEIDGSSSLCQCDMVVHVGGKR	--	THRRFLL				44
BnABBX6	---	RVRVCEACERAPAAFFCKADAASLCIACDSQIHLNPLARRHQRFLL						47
BnCBBX54	---	ERVRVCEACERAPAAFFCKADAASLCIACDSQVHLANPLARRHQRFLL						48
BnABBX42	---	RVRVCEQSCERAPAAFFCKADAASLCIACDSQIHSANPLARRHQRFLL						47
BnCBBX92	---	RVRVCEQSCERAPAAFFCKADAASLCIACDSQIHSANPLARRHQRFLL						47

BnABBX43	---KRVRVCESSCERAPAAFMCEADDVSLCTACDLEVHSANPLARRHQRVPV---	48
BnCBBX93	---KRVRVCESSCERAPAAFMCEADDVSLCTACDLEVHSANPLARRHQRVPV---	49
BnABBX49	---KRVRVCDSCESAPAEFFCKADAASLCTACDAEIHHSANPLARRHQRVPI---	48
BnABBX50	---KRVRVCDSCESAPAEFFCKADAASLCTACDAEIHHSANPLARRHQRVPI---	48
BnABBX12	-----ICEVCEQAPAAVTCCKADAASLCVTCDSDIHSANPLASRHERVPV---	44
BnCBBX55	-----VCEVCEQAPAAVTCCKADAASLCVTCDSDIHSANPLASRHERVPV---	44
BnCBBX91	-----ICEVCEQAPAAVTCCKADAASLCVTCDSDIHSANPLASRHERVPV---	44
BnABBX15	---ERVLLCQVCEQSPAHVTCCKADAAALCVTCDRDIHSANPLSRRHERVPV---	48
BnCBBX67	---ERVVLLCQVCEQSPAHVTCCKADAAALCVTCDRDIHSANPLSRRHERVPV---	48
BnABBX23	---ARVWMCEVCEQAPAHVTCCKADAAALCVTCDRDIHSANPLARRHERVPV---	48
BnCBBX82	---ARVWMCEVCEQAPAHVTCCKADAAALCVTCDRDIHSANPLARRHERVPV---	48
BnABBX37	---ARVWMCEVCEQAPAHVTCCKADAAALCVTCDRDIHSANPLARRHERVPV---	48
BnCBBX88	---ARVWMCEVCEQAPAHVTCCKADAAALCVTCDRDIHSANPLARRHERVPV---	48
BnABBX14	-----VCERCNAQPAIVRCVEERVS L C Q N C D W S G H	30
BnCBBX60	-----VCERCNAQPAIVRCVEERVS L C Q N C D W S G	29
BnABBX21	-----VCERCNSQPAIVRCVEERVS L C Q N C D W S G H	30
BnCBBX71	-----VCERCNAQPAIVRCVEERVS L C Q N C D W S G H	30
BnABBX11	-----ICERCNAQPASVRCSDERVS L C Q N C D W S G H N N D A T S Q H K R Q S I	43
BnCBBX59	-----ICERCNAQPASVRCSDERVS L C Q N C D W S G H N N D A T S Q H K R Q S I	43
BnABBX24	-----ICERCNAQPASVRC T D E R V S L C Q N C D W L G H	30
BnCBBX81	-----ICERCNAQPASVRC T D E R V S L C Q N C D W L G H	30
BnABBX17	-----ICDSCGNPEPVSVRCTD D L V L C Q E C D W D V H G S C S ---HVRSAVEGFSGCPSAL	50
BnABBX47	-----ICDSCGNPEPVSVRCTD D L V L C Q E C D W D V H G S C S ---HVRSAVEGFSGCPSAL	50
BnABBX26	-----ICDNCGNPEPVSVRCTD N L V L C Q D C D W D V H G S C S V S D A H V R S A L E G F S G C P S A L	54
BnCBBX101	-----ICDNCGNPEPVSVRCTD N L V L C Q D C D W D V H G S C S V S D A H V R S A L E G F S G C P S A L	54
BnABBX34	-----ICDNCGSEPEPVSVRCTD S L V L C Q E C D W D V H G S C S V S D A H V R S A I E G F T G C P S A L	54
BnCBBX62	-----ICDNCGSEPEPVSVRCTD S L V L C Q E C D W D V H G S C S V S D A H V R S A I E G F T G C P S A L	54
BnABBX18	-----ICDSCDDSPSSVFC D T E S S V L C Q N C D W Q H H T S A S --S I H S R R P L	42
BnCBBX65	-----ICDSCDDSPSSVFC D T E S S V L C Q N C D W Q	28