

Upstream Primer		Downstream Primer	
Primer Name	Sequence	Primer Name	Sequence
ER-A1-LDR-UP1	Blk- <u>TTGGCCTGTTCCCGCTCGCT</u> GAAAAAGTCCAGCGACAAATTCAGGTT	ER-A1-LDR-DP1	CATGCAGAACAGGGTTTAATTCAATATCCCAC
ER-A1-LDR-UP2	Blk- <u>CCTGCGCTGCGTGGTGTTC</u> ATCCACCAGGTATGCATATGGTAGCT	ER-A1-LDR-DP2	GGCCACGATGCCAATGATGCTGTC
ER-A1-LDR-UP3	Blk- <u>TCGCGGACGGTGAGCACTGC</u> GTTAATGCATTTAAGCCGCCCTA	ER-A1-LDR-DP3	AGTCACTTGCTAAGCATGGGGARTATGC
ER-A2-LDR-UP4	Blk- <u>TTCCCCTGGTGCCACTCCG</u> TCGCTATGAGTTCCTGCACCATTTATT	ER-A2-LDR-DP4	GAGTACTGCAACCATTGCTATGGTGTGCGT
ER-A2-LDR-UP5	Blk- <u>CGCTCGCTTTGGCCTGCTGC</u> TTAATCCCGCAGTGTTACATGCATGTA	ER-A2-LDR-DP5	AGTGATTATTATAATCCGCCTCACAATGTTAATCTTAGC
ER-A2-LDR-UP6	Blk- <u>CGCTGCGTGAGGGCTCGGAC</u> CGAGTTCGTACCGAGGGCACTTA	ER-A2-LDR-DP6	GGAGGCATAGAGGGATTACAACAAAAACTGTGT
EZ-1-LDR-UP7	Blk- <u>TTCCACCCGCGTCGTCCTGC</u> TTGAGAAGGTTCAAAGGCAAATTCAGTA	EZ-A1-LDR-DP7	CATGCAGAGCAAGGACTGATACAATATCCAACA
EZ-A1-LDR-UP8	Blk- <u>GACCGCTCAGCAGACCGCCA</u> CAAGGGATGCACATGGTTGCC	EZ-A1-LDR-DP8	GGGCATGATGCCAACGAYGCTGT

EZ-A1-LDR-UP9	Blk- <u>AGCACGCTTCCGGGACCCAC</u> GAGGTGAACCTCTTTAAGGCTGCACTC	EZ-A1-LDR-DP9	AGCTCCCTGGCCAAGCATGGAGAGTAT
EZ-A2-LDR-UP10	Blk- <u>AGGCGGTGTTGGCTCGAGGC</u> TTGCATTTAGATATGAGTTTACAGCACCTTTTAT A	EZ-A2-LDR-DP10	GAATATTGCAACCGTTGCTATGGTGTTAAGAATGT
EZ-A2-LDR-UP11	Blk- <u>GCGTGTCTCCTGTCCGGCCA</u> CATTATACAATCCCACAGTGTATATGCATGTC	EZ-A2-LDR-DP11	AGTGATTATTATAATCCACCACATAACCTCACACTGGT
EZ-A2-LDR-UP12	Blk- <u>TTGGGCTCGTGAAGGCAGGC</u> GGGCTAGTTCATACAGGGGTCAATG	EZ-A2-LDR-DP12	GGAGGGATTGAAGGACTGCAACAAAACTCT
ES-A1-LDR-UP13	Blk- <u>GAGGTCCCGCTTCGCCAC</u> GGAAAAAGTACAAAGGCAGATTCAGGTC	ES-A1-LDR-DP13	CATGCAGAACAAGGGCTCATTCAATATCCA
ES-A1-LDR-UP14	Blk- <u>GGTGCCACGTGATCGCTCCG</u> AGGGGATGCACATGGTCGCA	EZ-A1-LDR-DP14	GGCCATGATGCGAATGACACAGTAATATCTAATT
ES-A1-LDR-UP15	Blk- <u>TTGGAGCAGGTGCGTCGCGT</u> GAGGTCAGTTCATTCAAGGCAGCTCTT	ESA1-LDR-DP15	GGCTCACTTGCCAAGCATGGAGAATATGT
ES-A2-LDR-UP16	Blk- <u>CTGCAGGCGCGTGAGGGAGG</u> CAGGTATGAATTCACAGCTCCCTTCATC	ESA2-LDR-DP16	AAATATTGCAACCAATGCTATGGGGTTCGT
ES-A2-LDR-UP17	Blk- <u>GCCATCCGCGCTCAGTCCAC</u> CTAATTCCGCAATGTTACATGCATGTT	ES-A2-LDR-DP17	AGTGATTATTATAACCCACCACATAATGTAACCTTAGAGAAT AGT
ES-A2-LDR-UP18	Blk- <u>GGTGGGACGCGTCTGCCTCG</u> GGACCAAGTGCTTATAGAGGCCACCTT	ES-A2-LDR-DP18	GGCGGTATTGAGGGGCTTCAACAAAAGT
M-A1-LDR-UP19	Blk- <u>CGTCTCCTGCAGTCTCGGCCA</u> CCAAATTAYGTGGGYGATTTAAACYTAGAT	M-A1-LDR-DP19	GAYCAGTTYAAAGGGAATGTCTGCCAYGC
M-A1-LDR-UP20	Blk- <u>CTCGTCCGCAGTCGTCGCT</u> GCATGGCTGCCTCTTGGGATTAT	M-A1-LDR-DP20	GAGCAATTTTGAATATCCTTTAGCTCATACTGTGGC

M-A1-LDR-UP21	<u>Blk-TCGCTGGGTCTTCGCAGGC</u> AATCCCRGCACACCCACTCAGAAT	M-A1-LDR-DP21	GTTGCGTGAAGGAAATCAAGCTTTTATTCAGAA
M-A2-LDR-UP22	<u>Blk-CTGCCTCGGCGTCGCTGCTC</u> AATCTTGACCTTAATCCACAGCACGAT	M-A2-LDR-DP22	GGATAAAAGAACCCAGTGTGGGGGCTGT
M-A2-LDR-UP23	<u>Blk-TGGGACCCCTCGGACTCGC</u> AACTTTGTTTTCCAYATACCAAATACTGGAAT	M-A2-LDR-DP23	GACATTGTTGCATCATTTAAAGTCTAACTCGTTGTT
M-A2-LDR-UP24	<u>Blk-TGGCTGCCGCTCGCTTTCC</u> ATTGATTCCTGGATTTAGATCYATTGTTTCATAT	M-A2-LDR-DP24	GCTWTCAGAATGGYTGCTCCTRGAGGTC
CC-A1-LDR-UP36	<u>Blk-TCGCGACCGTCTGCTCAGGC</u> TCCAGATGGCTAGTGCCACYGATGAT	CC-A1-LDR-DP36	GCACAAAAGGATTCCATCTACGCATCTGC
CC-A1-LDR-UP37	<u>Blk-TCGCGACCGTCTGCTCAGGC</u> CCAGATGGCCAGTGCTACAGACGAT	CC-A1-LDR-DP37	GCACAAAAGGAYTCCATCTATGCWKCTGC
CC-A1-LDR-UP38	<u>Blk-TCGCGACCGTCTGCTCAGGC</u> AGATGGCYRGTGCAACCGATGAT	CC-A1-LDR-DP38A	GCACAAAAGAYTCCATCTATGCATCTGC
		CC-A1-LDR-DP38B	GCACAGAAGGACTCTATATATGCATCTGC
CC-A1-LDR-UP39	<u>Blk-CGCTGGACCGCTAGGCACCC</u> AAATGCAGGAACCATTAAATCWTGGGAT	CC-A1-LDR-DP39A	GARAGTTAYACTGAGCTGAAAGTTGARGTTCCCA
		CC-A1-LDR-DP39B	GAGAGTTATACCGAGTTGAAGGTTGAAGTTCCCA
CC-A1-LDR-UP40	<u>Blk-CGCTGGACCGCTAGGCACCC</u> AAATGCAGGAACCTATCAAGTCTTGGGAT	CC-A1-LDR-DP40	GAGAGCTACACTGAACTTAAGGTTGGTGTCCCC
CC-A1-LDR-UP41	<u>Blk-CGCTGGACCGCTAGGCACCC</u> AAAYACAGGAACCATTAAAGTCTTGGGAT	CC-A1-LDR-DP41	GAGAGCTAYACTGAGCTGAAAGTGGATGTGC

CC-A1-LDR-UP42	Blk- <u>CGCTGGACCGCTAGGCACCC</u> GGTTTGAAAAGAACACGAGCACTATCAAAT	CC-A1-LDR-DP42	CCTGGGACGAGAGCTACACTGAGCTGAAGT
CC-A1-LDR-UP43	Blk- <u>TTGGGCGTTGGTGCGTCCTG</u> GAGGAAAGACATAGGCTTCCGTGTCAAT	CC-A1-LDR-DP43	GCAAACACRGCAGCTTTRAGYAACAAGGT
CC-A1-LDR-UP44	Blk- <u>TTGGGCGTTGGTGCGTCCTG</u> GAGGAAGGAYATWGGYTTCCGTGTCAAT	CC-A1-LDR-DP44A	GCAAATACGGCAACCCTGAGCCATAAAGT
		CC-A1-LDR-DP44B	GCTAATACGGCAGCCTTGAGCAACAAAGT
CC-A1-LDR-UP45	Blk- <u>TTGGGCGTTGGTGCGTCCTG</u> GAGGAAGGACATAGGCTTCCGCGTAAAT	CC-A1-LDR-DP45	GCAAACACAGCGGCCCTAAGCAACAAAGT
CC-A1-LDR-UP46	Blk- <u>TTGGGCGTTGGTGCGTCCTG</u> GAGAAAGGACATAGGTTTCCGCATCAAT	CC-A1-LDR-DP46	GCTAACACAACAGCGCTGAGCAACAAAGT
CC-A2-LDR-UP47	Blk- <u>GCTCCAGTTCGGGTGCGCT</u> TGAAGAAGGCACTYYTGAGCACHCCAAT	CC-A2-LDR-DP47A	GAAGTGGGGGAAGAAGCTTTATGAGCTYTTY
		CC-A2-LDR-DP47B	GAARTGGGGAAAGAAGCTTTATGAGCTYTTYGT
CC-A2-LDR-UP48	Blk- <u>GCTCCAGTTCGGGTGCGCT</u> TGAAGAAAGCTCTGCTCAGCACTCCCAT	CC-A2-LDR-DP48	GAAGTGGGGRAAGAARCTTTATGARCTCTTTGT
CC-A2-LDR-UP49	Blk- <u>GCTCGAGGCAGTCCACGCGT</u> GTGCTRACAGCYGGCAGAATCAGTGARAT	CC-A2-LDR-DP49	GGGWTCTGCTTTGGRACAATCCCTGTGT
CC-A2-LDR-UP50A	Blk- <u>GCTCGAGGCAGTCCACGCGT</u> GTGTTAACAGCCGGCAGAATCAGTGAGAT	CC-A2-LDR-DP50	GGGTGTYTGCTTYGGAACCATCCCT
CC-A2-LDR-UP50B	Blk- <u>GCTCGAGGCAGTCCACGCGT</u> GTGCTGACAGCTGGCAGAATTAGTGAGAT		
CC-A2-LDR-UP51	Blk- <u>GCTCGAGGCAGTCCACGCGT</u> GTGCTGACAGCTGGTAGGATCAGCGAAAT	CC-A2-LDR-DP51	GGGTGTCTGCTTTGGGACAATTCCCT

CC-A2-LDR-UP52	Blk- <u>GCGTGAGGTTGGGAGGGCGT</u> CAGGRTTCAACATACAGGACATGGAYATT	CC-A2-LDR-DP52	GTDCCTCTGAGCACCTRCTGCACCA
CC-A2-LDR-UP53A	Blk- <u>GCGTGAGGTTGGGAGGGCGT</u> CAGAAAAAAGGATTTGTAATAAAAGATATGGA CATT	CC-A2-LDR-DP53	GTGGCCTCTGARCATCTGCTRCAYCA
CC-A2-LDR-UP53B	Blk- <u>GCGTGAGGTTGGGAGGGCGT</u> GGGCTTTGACATAAAGGACATGGACATC		
RVF-A1-LDR-UP54	Blk- <u>TTGGTTGGGAGGCTGCGGTG</u> ATGGCCARCTCAGCACTGCACAT	RVF-A1-LDR-DP54	GAGGTTGTGCCCTTTGCAGTGTTAAGA
RVF-A1-LDR-UP55	Blk- <u>CGTCGACCTTCGCCAACCC</u> GGAMGCAGATTTTGTCTGCTTAT	RVF-A1-LDR-DP55A	GAATGCACTGCTCAGTATGCCAATGCC
		RVF-A1-LDR-DP55B	GAGTGYACTGCTCARTAYGCCAATGCC
RVF-A1-LDR-UP56	Blk- <u>CGTCGCTCTGGTTCGCTCGC</u> GGTCTGGAAKAARCCTTTATGTGTAGGGTAT	RVF-A1-LDR-DP56	GAGAGAGTRGTTGTGAAGAGAGAACTCKCTGCTCY
RVF-A2-LDR-UP57A	Blk- <u>GGTGACCCGTGACGCTGCCA</u> CRAGTCGGACTKGGAGACTTTGCAT	RVF-A2-LDR-DP57	CAAAYGTKGCACCTCCACCAGCRAAGT
RVF-A2-LDR-UP57B	Blk- <u>GGTGACCCGTGACGCTGCCA</u> GAGTCSGGCTKGGAGACTTTGCAT		
RVF-A2-LDR-UP58A	Blk- <u>AGGCTTGGCGCTCGTCACCC</u> GTTCCCAATCTAAAAGAAGCCATAT	RVF-A2-LDR-DP58A	CCTGGCCTCTTRGAGARCCCTCMCT
RVF-A2-LDR-UP58B	Blk- <u>AGGCTTGGCGCTCGTCACCC</u> GTTCCCAACTCAAAAAGAAGCCATAT	RVF-A2-LDR-DP58B	CCTGGCCTCTTGAGAACCYTMMTT

		RVF-A2-LDR-DP58C	CCTGGCCTCTGGWGAACCCTCWY
RVF-A2-LDR-UP59	Blk- <u>GTCTCCACCGCTGCCATCGC</u> GCAATGAGGAGYTGCAAGATYRCCAAT	RVF-A2-LDR-DP59A	GATCTWGAGGACTCCTTTGYTGGCTTACACAGT
		RVF-A2-LDR-DP59B	GATYTAGAAGACTCCTTTGTTGGCYTRCACAGT
VAC-A1-LDR-UP60	Blk- <u>CGTCGTGAGCCATCGCCTGC</u> CTAAAAGAATTRGGTTCTTTCGATTTGGAA	VAC-A1-LDR-DP60	AACGTCAACGTGTATCCTGGAGTATGGAATACATAC
VAC-A1-LDR-UP61	Blk- <u>GCCATCGCCACAGCAGGAC</u> GCCATGTAAACACCTATGGAGAAGGG	VAC-A1-LDR-DP61	TTCGATTATCTGTATCAGCCTTGTGATCTTCTCGT
VAC-A2-LDR-UP62	Blk- <u>AGCAAGGCGACCGGACGACC</u> ATTGAACGGTATCTTCTTAATCTCTGGTTCTAG	VAC-A2-LDR-DP62	TTCCGCATTAATGATGAACTAAGTCACTATTTTAA
VAC-A2-LDR-UP63	Blk- <u>GGACGAGGAGGCCGCTTGGT</u> TACATCACCTCTAACATCATCATTACCAGA	VAC-A2-LDR-DP63	ATACTGATCTTCTTTTGTGCGTAAATACATGTCTAATGTGTT
VAC-A2-LDR-UP64	Blk- <u>CCTGGCCAGACCTCCGCGT</u> GAAGGATAAACTCGTACTAATCTCTTCTTAAAC AGC	VAC-A2-LDR-DP64	CTGTTCAAATTTATATCCTATATACGAAAAAATAGCAACCAG T
VAR-A1-LDR-UP65	Blk- <u>CCTGCTCGTCGCTCCGTTGG</u> AAGATTCTATCTCTGATTATACAGGTTATGAC GAT	VAR-A1-LDR-DP65	TTCAATCAAACAAAAAGCTCAATAAGATGACTGTAGAA
VAR-A1-LDR-UP66	Blk- <u>GTGATCGCCGTCCGTGCCG</u> TATCGAGGCCGCTCGTGGATACTTA	VAR-A1-LDR-DP66	TGCGAAGCCATGTAAACACCTATGGAGAAGT

VAR-A2-LDR-UP67	Blk- <u>TTCCGAGGCCTGACCCGACC</u> ATAGATTTTTTCATATTGAAYGGTATCTTCTTGAT T	VAR-A2-LDR-DP67	TCTGGTTCTAATTCCGCATTAATGATGAAACTAAGT
VAR-A2-LDR-UP68	Blk- <u>GGTGTGGTCTCGCGCTTCCG</u> ATACGTCATTTTCATCTGTAGTATTCTTGTCATTR AG	VAR-A2-LDR-DP68	TGATAAACTTGTGCTAATCTCTTCTTTAACAGTCTGTTCA
VAR-A2-LDR-UP69	Blk- <u>TCCGTTCCGCCAGAGGGTGA</u> CGAAAAAATAGCAACCAATGTTTGATCATT	VAR-A2-LDR-DP69	CGCGTCAATATTCTGTTCTATTGTARTGTATAACAATCTTATA TCTT
L-A1-LDR-UP70	Blk- <u>TCGCCGTCCGCTGTCTTTGG</u> ATTTGCCTCATRAAATTGTCAAYAGCAT	L-A1-LDR-DP70	CACTAGTRCTCACWACTCTTTCTTCMACCATGGT
L-A1-LDR-UP71	Blk- <u>TCGCCGTCCGCTGTCTTTGG</u> ATTTGCCKCATGAARTTGCAACWGCAT	L-A1-LDR-DP71	CACTAGTRCTCACCACCCTTCTTCCACCATAGT
L-A1-LDR-UP72	Blk- <u>GACCAGGCCTCGACCCACCC</u> CACAGTTAACATCCAACGCTACACAGAGAT	L-A1-LDR-DP72	CYAGAAAYTTTATTCTRGGTGACCACTTCATTTTGT
L-A1-LDR-UP73A	Blk- <u>GACCAGGCCTCGACCCACCC</u> CACAACCTGACATCTAGTGCCACACAAAGAT	L-A1-LDR-DP73	CYAGRAATTTTATCCTGGGTGACCACTTCAT
L-A1-LDR-UP73B	Blk- <u>GACCAGGCCTCGACCCACCC</u> CACAATTCACATCCAGTGCCACACAGAGT		
L-A1-LDR-UP74	Blk- <u>GCCACGCTGCCAGGACTCCG</u> CCAACCCTATCCTCCAATAGYTTTGAT	L-A1-LDR-DP74	GCAGTTGGCTTYAAGGGAAAATARTCACAAGGT
L-A1-LDR-UP75	Blk- <u>GCCACGCTGCCAGGACTCCG</u> CCRATCCTGTCTCCAGCAATTTAGAT	L-A1-LDR-DP75	GCWGTGGCTTTAGAGGGAARTAATCACAAGGT
L-A1-LDR-UP76	Blk- <u>GCCACGCTGCCAGGACTCCG</u> CCCCTCTATCTTCAAGTAATTTTGAT	L-A1-LDR-DP76	GCGGTGGCTTCAAAGGGAAATAATCACAAGGT

L-A2-LDR-UP77	Blk- <u>TCCGGTCTTGGTCGCTTCGC</u> GCAATRGARCTCTGAAATGCAGATTT	L-A1-LDR-DP77A	GTTGATAGCTTCAGACAGCAATTTTTCGCGC
		L-A1-LDR-DP77B	GTTGATRGCYTCAGARTATAATTTCTGTGC
		L-A1-LDR-DP77C	GTTTATGGCTTCTGATAGCAGTTTCTGTGC
L-A2-LDR-UP78	Blk- <u>GTCTTCGCGGTGGGTGCCTG</u> TTCTCRICATCTAGGTTACAGCACCT	L-A1-LDR-DP78A	GAATATATTATTTTTTGCCTTAAAACCATTCTCAGAGGATGT
		L-A1-LDR-DP78B	GAATATATTATCTTTTGYCTCAACACCATYCTTAARGGATGT
L-A2-LDR-UP79	Blk- <u>GTCTTCGCGGTGGGTGCCTG</u> TTCATCATCAAGGTTTACGGCACCT	L-A2-LDR-DP79	GAGTATATAACCTTCTGTCTCAAAAACCATTCTTAGAGGGTGT
L-A2-LDR-UP80A	Blk- <u>GCGTTTGGTTGGCTGCGGAC</u> CGGTTRCCRTCTACCCAGTCTCTAACAT	L-A2-LDR-DP80	CTGTCTCGCARTTCAAWARGAATGGGTCAAT
L-A2-LDR-UP80B	Blk- <u>GCGTTTGGTTGGCTGCGGAC</u> TTGCCATCTACCCAATCTCTGACAT		
L-A2-LDR-UP81	Blk- <u>GCGTTTGGTTGGCTGCGGAC</u> CGGTTGCCGTCCACCCAGTCTTTTACAT	L-A2-LDR-DP81	CTGTTTCACAGTTCAGAAGGAATGGGTCAAT
DEN-A1-LDR-UP82A	Blk- <u>GCTCACCCGGACGCCACTGC</u> GTGTTYAAAGAGAAAGTTGACACRCGCACRC	DEN-A1-LDR-DP82A	CAARAGCRAAACGRGGCACAGCACA
DEN-A1-LDR-UP82B	Blk- <u>GCTCACCCGGACGCCACTGC</u> CGCGTTTTCAAAGARAAAGTRGACACGAGAACY C	DEN-A1-LDR-DP82B	AAGAACCGAARGAAGGCACRAAGAAACTRAT
DEN-A1-LDR-UP82C	Blk- <u>GCTCACCCGGACGCCACTGC</u> TYTTYAAAGAGAAAAGTGGACACCAGGACRC	DEN-A1-LDR-DP82C	CCAGGTCCATGCCAGGAACAAGAAGGGT
DEN-A1-LDR-UP82D	Blk- <u>GCTCACCCGGACGCCACTGC</u> GTGTTCAARGAGAAGGTGGAYACCAGAACWC	DEN-A1-LDR-DP82D	CTARRCCCATGCCAGGRACAAGAAAGGT

		DEN-A1-LDR-DP82E	CACARCCAAAACCCGGYACACGART
		DEN-A1-LDR-DP82F	CACAGCCMAAACYAGGCACACGAGT
DEN-A1-LDR-UP83A	<u>Blk-TCCGCTGCCCACTTCCCTCG</u> GCCATYGGAGCAGTGGTTGTTGAYG	DEN-A1-LDR-DP83A	AAAAYCAATGGAAGCTCAGCAAAAGARGCAGT
DEN-A1-LDR-UP83B	<u>Blk-TCCGCTGCCCACTTCCCTCG</u> GCWATWGGAGCAGTGGTTGTTGATG	DEN-A1-LDR-DP83B	AGAACAARTGGAARTCGGCWCGTGAGGC
DEN-A1-LDR-UP83C	<u>Blk-TCCGCTGCCCACTTCCCTCG</u> GCAAYGCAGCYTTGGNGCCATATTCAGTATG	DEN-A1-LDR-DP83C	AGAACCAATGGGAYAGYGGARAGCTGCT
DEN-A1-LDR-UP83D	<u>Blk-TCCGCTGCCCACTTCCCTCG</u> GCYATGGGAGCYGTTTTACAGAGG	DEN-A1-LDR-DP83D	AGAACCAATGGGACAGTGCYARAGCTGTCYGT
DEN-A1-LDR-UP83E	<u>Blk-TCCGCTGCCCACTTCCCTCG</u> GCTATGGGCGCYGHTTYACAGAG	DEN-A1-LDR-DP83E	AACAGGGATGGRCATCAGCCAGTGAAGC
DEN-A1-LDR-UP83F	<u>Blk-TCCGCTGCCCACTTCCCTCG</u> CAGCCATAGGCGCRGTCTTYCAGGARG		
DEN-A1-LDR-UP84A	<u>Blk-GTCTGCCACTGCGCTCGCCA</u> GAGAGGGAGCTTCAYAAACAGGGAAARTGYG	DEN-A1-LDR-DP84A	CYACRTGTGTYTACAACATGATGGGGAAGAGA
DEN-A1-LDR-UP84B	<u>Blk-GTCTGCCACTGCGCTCGCCA</u> CARGGAAAGRAATCTYCATCTTGAAGGAAAGTG TG	DEN-A1-LDR-DP84B	ARACATGTGTGTACAACATGATGGGAAARAGAGARAA
DEN-A1-LDR-UP84C	<u>Blk-GTCTGCCACTGCGCTCGCCA</u> CGTGAAGCTCCATAAAAYTGGGCAARTGYG	DEN-A1-LDR-DP84C	GAAGCTGYGTYTAYAACATGATGGGCAAGAGA
DEN-A1-LDR-UP84D	<u>Blk-GTCTGCCACTGCGCTCGCCA</u> AAGGAAAGRAAYCTNCATCTTGAAGGAAATG TG	DEN-A1-LDR-DP84D	AATCRTGYGTCTAYAACATGATGGGAAAACGT

DEN-A2-LDR-UP85A	<u>Bik-CGCTTCCCTGCAGGCCTCG</u> AACATGCYCTAYTGGCTATGGCAATYTTTA	DEN-A1-LDR-DP85A	ARCTAACATACCAAAAYAARGTGGTAAGGGT
DEN-A2-LDR-UP85B	<u>Bik-CGCTTCCCTGCAGGCCTCG</u> AACATGCYCTAYTGGCCACGGCAATCTTA	DEN-A1-LDR-DP85B	AGYTRACCTACCAAAATAARGTGGTAAGGGT
DEN-A2-LDR-UP85C	<u>Bik-CGCTTCCCTGCAGGCCTCG</u> ACACAAGAAAYTWGCGYAGGCCATTTTCA	DEN-A1-LDR-DP85C	AGYTAACMTACCAAAAYAAGGTGGTAAGGGT
DEN-A2-LDR-UP85D	<u>Bik-CGCTTCCCTGCAGGCCTCG</u> ACACAAGAAACTAGCCGAGGCCATWTTYA	DEN-A1-LDR-DP85D	RAYTAACGTAYCAAAACAAGGTGGTGCCTGT
DEN-A2-LDR-UP85E	<u>Bik-CGCTTCCCTGCAGGCCTCG</u> ACACAAGAAATTGGCCGAGGCTATTTTCA	DEN-A1-LDR-DP85E	AGCTCACRTACCARAAYAAAGTGGTCAAAGTTCAA
DEN-A2-LDR-UP85F	<u>Bik-CGCTTCCCTGCAGGCCTCG</u> CCTGAACACAGGCAGYTAGCRAACGCTATATTY A	DEN-A1-LDR-DP85F	AACTGACTTACCAAAATAAAGTGGT
DEN-A2-LDR-UP85G	<u>Bik-CGCTTCCCTGCAGGCCTCG</u> CCTGAACACAGACARTTAGCGAACGCYATATTY A	DEN-A1-LDR-DP85G	AAAYTAACYTATCAAAACAAAGTGGT
DEN-A2-LDR-UP85H	<u>Bik-CGCTTCCCTGCAGGCCTCG</u> CCYCACCACAAGAYCCTAGCCAAAGCCATYTTC A		
DEN-A2-LDR-UP85I	<u>Bik-CGCTTCCCTGCAGGCCTCG</u> CCTCATCATAARATCYTAGCYAAAGCCATTTTC A		
DEN-A2-LDR-UP86A	<u>Bik-GCTCTCGACCCGGACCTCG</u> GTGCARAGACCAGCAAAAAAYGGAACYGT	DEN-A1-LDR-DP86A	GATGGATGTYATATCCAGRCGTGACCARAGA

DEN-A2-LDR-UP86B	<u>Blk-GCTCTCGCACCCGGACCTCG</u> CGTGTRCAAAGACCAACACCAAGAGGMACAGT	DEN-A1-LDR-DP86B	AATGGAYATYATATCGAGAAGAGACCAAAGAGGYA
DEN-A2-LDR-UP86C	<u>Blk-GCTCTCGCACCCGGACCTCG</u> TCAACGACCRACCTCCAAMRGGCACGGT	DEN-A1-LDR-DP86C	RATGGACATCATATCGAGAARAGACCAAAGAGGCA
DEN-A2-LDR-UP86D	<u>Blk-GCTCTCGCACCCGGACCTCG</u> TYCTCAGACCCACACCGARAGGAGCRGT	DEN-A1-LDR-DP86D	RATGGACATYATATCTAGRAAAGACCAAAGAGGCA
		DEN-A1-LDR-DP86E	AATGGAYATTATATCTAGGAAAGACCAAAGGGGCA
		DEN-A1-LDR-DP86F	VATGGAYATYATATCCAGGAAAGACCAAAGAGGTA
DEN-A2-LDR-UP87A	<u>Blk-CTGCCCTGCGTCGCTCCCAC</u> GARGCCCAACTRATAAGACARATGGAGTCTGAG G	DEN-A1-LDR-DP87A	GAATYTTTTYACCCAGCGAATTRGAGACCC
DEN-A2-LDR-UP87B	<u>Blk-CTGCCCTGCGTCGCTCCCAC</u> GAGGYCCAATAATAAGACAAATGGAGTCTGA RG	DEN-A1-LDR-DP87B	GAGTCTTYAAAARCATCCAGCACCTGACAGYC
DEN-A2-LDR-UP87C	<u>Blk-CTGCCCTGCGTCGCTCCCAC</u> GCCCAAYTAATYAGACAGATGGAAGGAGAAG	DEN-A1-LDR-DP87C	GAATYTTYAAAAGCATTCAGCRCCTGACAGTC
DEN-A2-LDR-UP87D	<u>Blk-CTGCCCTGCGTCGCTCCCAC</u> CAACTRATTAGGCAGATGGAGGGGGAAG	DEN-A1-LDR-DP87D	GYGTGTTGTCTRAAGRCAGACCTCGAGAACCTT
DEN-A2-LDR-UP87E	<u>Blk-CTGCCCTGCGTCGCTCCCAC</u> GCCCAGTTRRTCAGACARATGGAAGGAGAAG	DEN-A1-LDR-DP87E	GTGTGCTGWCAAAGGCAGACCTCGAGAA
DEN-A2-LDR-UP87F	<u>Blk-CTGCCCTGCGTCGCTCCCAC</u> CTYATCCGCCARATGGAAGCTGARG	DEN-A1-LDR-DP87F	GAGTYATCACACRAGAYGACATGCAGAACCCAA
YF-A1-LDR-UP88A	<u>Blk-GTGAAGGCCGTCGGACCGCT</u> CAAGGATCCACCMGCRGGAACYAGAAAGTTG	YF-A1-LDR-DP88A	TCAAYARGTGGCTSTTCCGCCACCT

YF-A1-LDR-UP88B	<u>Bik-GTGAAGCCGTCGGACCGCT</u> TCCTGCTGGAACHAGGAARATCATGARGGTGG	YF-A1-LDR-DP88B	TAAACCGWTGGTTGTTTCGACAYCTRGC
		YF-A1-LDR-DP88C	TGAATAGATGGTTGTTTCGGCATCTGTC
YF-A1-LDR-UP89A	<u>Bik-CGCTCTCGCTGCCTCGGGAC</u> GTGYACAAAGGAAGAATTYATTGCAAARGTCC	YF-A1-LDR-DP89A	GCAGTCATGCTGCGRTAGGRGGCCT
YF-A1-LDR-UP89B	<u>Bik-CGCTCTCGCTGCCTCGGGAC</u> GCACAAAGGARGARTTCATAGCCAAGGTGC	YF-A1-LDR-DP89B	GGAGCCATGCCGCAGTGGGGGC
YF-A1-LDR-UP89C	<u>Bik-CGCTCTCGCTGCCTCGGGAC</u> GCACCAAAGAAGAGTTCATTGCCAAAGTGC	YF-A1-LDR-DP89C	GMAGYCAYGACGCCATTGGAGCTTACCT
YF-A1-LDR-UP90A	<u>Bik-AGGCCGCTGACCGTACTGC</u> AAGACAGCCAATGAAGCRGTYCAAGACCC	YF-A1-LDR-DP90A	YAAGTTTTGGGAGATGGTTGAYGCTGAGC
YF-A1-LDR-UP90B	<u>Bik-AGGCCGCTGACCGTACTGC</u> CGGCCAATGAGGCAGTCCAGGATCC	YF-A1-LDR-DP90B	AAAGTTTTGGGAGATGGTCGATGCAGAAC
YF-A1-LDR-UP90C	<u>Bik-AGGCCGCTGACCGTACTGC</u> TGCCAAYGAGGCYGTCCARGACCC	YF-A1-LDR-DP90C	RAAGTTYTGGGAAYTGGTGGATGAAGAAAG
YF-A2-LDR-UP91A	<u>Bik-ACCCTCCGTCCGTTGGCGTC</u> GACCTRGAYGATGARCAGGAGATCATGAGCT	YF-A2-LDR-DP91A	ACATGAACGCTGAGCAGAGGAAACTGGC
YF-A2-LDR-UP91B	<u>Bik-ACCCTCCGTCCGTTGGCGTC</u> GACCTGGATGACGAGCAAGAGATCATGAGTT	YF-A2-LDR-DP91B	ACATGAGCCCTGAACAAAAGGAAGCTGGC
YF-A2-LDR-UP91C	<u>Bik-ACCCTCCGTCCGTTGGCGTC</u> GCAGACCTTGATGATGAACAGGARATCYTGAAY T	YF-A2-LDR-DP91C	ACATGAGCYCACATCACAAAAAACTGGCACA
YF-A2-LDR-UP92A	<u>Bik-GGTGTCCGGGTGTCGCGTGA</u> CCTYCGACCAGCACCAGGWGGCAA	YF-A2-LDR-DP92A	GGCYTTCATGGACATCATCAGYMGGAGAGA

YF-A2-LDR-UP92B	<u>Blk-GGTGTCCGGGTGTCGCGTGA</u> TGAGGCCAGCCCCAGGAGGCAA	YF-A2-LDR-DP92B	AGCCTACATGGATGTCATAAGYCGRCGAGAYCA
YF-A2-LDR-UP92C	<u>Blk-GGTGTCCGGGTGTCGCGTGA</u> GTGCTGAGACCARCMCCAGGMGGGAA		
YF-A2-LDR-UP93A	<u>Blk-CCTGGCTCGCTCTCCGCTCG</u> CACYATCACCAATYTGAAAGTYCAGCTCATAAG GA	YF-A2-LDR-DP93A	TGGCTGAAGCTGAGATGGTAATCAACCATC
YF-A2-LDR-UP93B	<u>Blk-CCTGGCTCGCTCTCCGCTCG</u> CACCATAACCAATCTAAAAGTCCAGCTCATAAG AA	YF-A2-LDR-DP93B	TGGCTGAAGCTGAAATGGTGATTAACCATC
YF-A2-LDR-UP93C	<u>Blk-CCTGGCTCGCTCTCCGCTCG</u> CACYATCACCAACYTGAAAGTCCAATTGATCA	YF-A2-LDR-DP93C	GRATGGCAGAAGCAGAGAWKGTGATACATCA