

Construct Name	Sense Primer Name – Sequence (5' to 3')	Antisense Primer Name – Sequence (5' to 3')	Restriction Endonuclease
pCMV-ARP502L	N166 – TAGCCCCCTACGGCTACTACT 2. PCR product from above	J12-502AS – CATGCCGCCAAGGTACCACAC HindIIIAS – GACACCCAGAAGCTTCATCTCCA	<i>Bsu36I/HindIII</i>
pCMV-ARS513G	N166– TAGCCCCCTACGGCTACTACT PCR product from above	J12-513-AS – ACAAGTGGGACCGGGATAGGG X4AS – ACACACTACACCTGGCTC	<i>Bsu36I/HindIII</i>
pCMV-ARD526G	p367-Ex1 - CCCTGGATGGGTAGCTACTCCG N166 – TAGCCCCCTACGGCTACTACT	HindIIIAS – GACACCCAGAAGCTTCATCTCCA PCR product from above	<i>Bsu36I/HindIII</i>
pCMV-ARM535A	N166– TAGCCCCCTACGGCTACTACT PCR product from above	J7-535-AS – CTCCAAACGCCTGTCCCGTA X4AS – ACACACTACACCTGGCTC	<i>Bsu36I/HindIII</i>
pCMV-ARM535V	N166– TAGCCCCCTACGGCTACTACT PCR product from above	J6-535-AS – CTCCAAACGCACGTCCCGTA X4AS – ACACACTACACCTGGCTC	<i>Bsu36I/HindIII</i>
pCMV-ARΔ35αα	N111 CAGAATCTGTTCCAGAGCGTGC D35aaS – CACCGCACCTGATGTGCGTTTGGAGACTGCCAG GGACGTC	D35aaAS – CACAGATCAGGCAGGTGCGACTCTGGTACGCAGCTG X4AS – ACACACTACACCTGGCTC	
	N111 – CAGAATCTGTTCCAGAGCGTGC	X4AS- ACACACTACACCTGGCTC	<i>BstEII/TthIII1</i>
pVP16-AR(1-538)Δ35αα	N111- CAGAATCTGTTCCAGAGCGTGC pVd35S – TTCACCGCACCTGATGTGCGTTTGGAGTAGTCT AGAAT	pVd35AS – ATTCTAGACTACTCCAAACGCACATCAGGTGCGGTGA A pVP16AS1 – ACCTCTACAAATGTGGTATGGCT	
	N111 – CAGAATCTGTTCCAGAGCGTGC	pVP16AS1 – ACCTCTACAAATGTGGTATGGCT	<i>Bsu36I/XbaI</i>
pVP16-AR(1-538)M535A	N111- CAGAATCTGTTCCAGAGCGTGC	pVM535A – ATTCTAGACTACTCCAAACGCAGTCCCGTA	<i>Bsu36I/XbaI</i>
pVP16-AR(1-538)M535V	N111- CAGAATCTGTTCCAGAGCGTGC	pVM535V – ATTCTAGACTACTCCAAACGCACGTCCCGTA	<i>Bsu36I/XbaI</i>
pVP16-AR(1-538)P502L, S513G, D526G	N166 – TAGCCCCCTACGGCTACTACT	ptmutAS1 - TTATCTAGATTACTCAA ACGCATGTCCCGTA	<i>Bsu36I/XbaI</i>
pVP16-AIB1	AIB1-VF1 - AATGTCGACGCAGTGGATTAGGAGAAACTTG GATC	AIB1-VR1 - ATAAAGCTTTGGTGTTCATCAACATACGGCA	<i>Sall/HindIII</i>
pVP16-SRC1a	SRC1-VF1 - AATGTCGACGCAGTGGCCTTGGGGACAGTTCAT C	SRC1-VR1 - TGGCAAGCTTCTTGTTCTCGGT	<i>Sall/HindIII</i>

pcDNA3.1-ARNTD	AR-NTD-S ATGCGCGGCCGCTATGGAAGTCCAGTTAGGGCT G	AR-NTD-AS ATGCTCTAGAAAAGTAATAGTCAATGGGCAA	<i>NotI/XbaI</i>
pcDNA3.1-ARNTD(1-535)	120727S - GCACTGGACGAGGCAGCTGCGTACCAG	pcMODT535 - TCCTCTAGACATGTCCCCGTAAGGTCCGGA	<i>BstEII/XbaI</i>
pcDNA4.1-ARNTD(1-500)	120727S - GCACTGGACGAGGCAGCTGCGTACCAG	pcMODT500 - TCCTCTAGACCACACATCAGGTGCGGTGA	<i>BstEII/XbaI</i>

Supplementary table 1