

Table 2. Primers used for amplification of vaccine-associated SNPs for CSA

Primer name*	Position (5'-3')	Product size	Sequence (5'-3')	Annealing temperature (°C)
VZV-(1) F	427-450	506	TCAGCTGGCTCTTCTAAGAATTCG	56
VZV-(1) F	932-911		TATTTTGGGATCCGCAATGTC	
VZV-(6) F	5537-5554	446	ATGAGCTGAAATAACACC	37
VZV-(6) R	5982-5965		TTCTCCAAAGTAACAACC	
VZV-(9) F	10622-10639	431	TATTTACTGCCGTTTCCA	37
VZV-(9) R	11052-11035		ACTGCATTAGAGCGACAA	
VZV-(10) F	12664-12681	362	GAAAGAGCATAACAAAA	35
VZV-(10) R	13025-12308		TTCCCTTCTAATAACACA	
VZV-(11) F	13796-13813	674	CGCATCGGATGATTTTCC	60
VZV-(11) R	14469-14450		TACATTCCGCCATAGCAAAC	
VZV-(14) F	19319-19336	320	CCCCTAAAAAATGGAAAT	37
VZV-(14) R	19638-19621		GGAACTCGACGGACCTAT	
VZV-(21) F	31430-31447	386	TAGCTCACTCACTCCTCT	37
VZV-(21) R	31816-31799		TCTGCTACATTACTTCCA	
VZV-(31) F	58257-58274	405	ATTCACCACAAAAACACC	35
VZV-(31) R	58661-58644		AAATTAAAGGACGGCTAT	
VZV-(39) F	71038-71055	370	CTACCCTTATCTACATCC	31
VZV-(39) R	71407-71390		TACCCAACATTATTTTA	
VZV-(50) F	87219-87236	399	CGCTCTGCTGTCGTAAT	42
VZV-(50) R	87617-87600		CCGGAATAGAGGTGGAT	
VZV-(51) F	89505-89519	526	TTAATACCGAAGAACAAA	33
VZV-(51) R	90027-90010		AAACGAAATAGAGCAATG	
VZV-(52) F	90455-90472	424	AAAGGCCTCTAACCAATG	37
VZV-(52) R	90878-90861		ACTGGCGAATAAAAACGAT	

Table 2. Continued.

Primer name	Position (5'-3')	Product size	Sequence (5'-3')	Annealing temperature (°C)
VZV-(54) F	93964-93981	414	TCGTCATCTTCTGTAGG	35
VZV-(54) R	94377-94360		TGCCAATAGTTTTCAATC	
VZV-(55) F	97550-97567	335	CGTGACGACTCCTTTGTG	44
VZV-(55) R	97884-97867		GGGTCTTCGGGTATGGAG	
VZV-(59/60) F	10098-101015	451	CGAAGAGACGGGGTGAA	46
VZV-(59/60) R	101448-101431		GAGGCGCTATCGGGAATC	
VZV-(62)a F	105139-105160	484	CTTTTATTAACAACAACAGTC	39
VZV-(62)a R	105622-105605		GCATTCCCAGAGTAATGT	
VZV-(62)b F	105603-105620	500	CCACATTACTCTGGGAAT	40
VZV-(62)b R	106102-106085		GTATCGAGACTGCGTTTG	
VZV-(62)c F	106095-106112	511	CTCGATACGAGCAAAACT	39
VZV-(62)c R	106605-106587		GAGGCTTCTGATCATCTAC	
VZV-(62)d F	106584-106602	465	ATCGTAGATGATCAGAAGC	41
VZV-(62)d R	107048-107030		GACAAGATTAGGGAGACAC	
VZV-(62)e F	107030-107048	520	GTGTCCTCCCTAAATCTTGTG	43
VZV-(62)e R	107549-107528		CTGATTAACCTGATCTACTGTG	
VZV-(62)f F	107444-107462	562	ACAGCTTTTGGTAGAACTG	41
VZV-(62)f R	108005-107987		GTGGGAAGTGAAACTACAG	
VZV-(62)g F	107983-108001	535	CTGCCCTGTAGTTTCACTTC	41
VZV-(62)g R	108517-108499		ACAGACAAACTCAGTCCAT	
VZV-(62)h F	108369-108388	515	GACCTTAACCTTCAAAGTCT	42
VZV-(62)h R	108883-108864		AGCTAACACAAGACGACTAC	
VZV-(62/63) F	108860-108881	564	ATACGTAGTCGTCTTGTGTTAG	41
VZV-(62/63) R	109423-109405		GTAAGGTATGCGGAAATAG	
VZV-(63/64) F	111241-111258	534	AACACCCCGTCCCCAAAG	46
VZV-(63/64) R	111774-111757		TGCCCTCCCCCACAAACT	

*Numbers in parentheses refer to the ORF in which the primers anneal.