

Supplementary Table 2. Cynomolgus macaque primer sets (forward, F; reverse, R; and sequencing, S) for pyrosequencing assay.

Gene	Location ^a	Identity ^b		Sequence (5' to 3')	CpG site
<i>ESR1</i>	Chr.4, 111263150- 111263332	100%	F	GGGATTGTTGTTTTGTTTTGATATTG	4
			R	CTTCCCTAAACCACCTTTAAC	
			S	ATTGGTTTAAATATTATTTTAGGT	
<i>ESR2</i>	Chr.7, 127316270- 127316468	99%	F	GTAGAGGGGAGTAGTGTTTGA	10
			R	TAAACCCTACTACAAACCTCTTAAATCT	
	Chr.7, 127316270- 127316465	99%	F	GTAGAGGGGAGTAGTGTTTGA	6
			R	ACCCTACTACAAACCTCTTAAATCTAA	
<i>TFF1</i>	Chr.3, 4300494- 4300654	n/a	F	TTTTTGGGGATAGAAGGAAAGAGG	2
			R	AAACTCATAAAACCCATTCCATCTACT	
			S	AGGAAAGAGGGAGGA	
<i>TFF1</i>	Chr.3, 4300621- 4300785	96.7%	F	AGATTAGAGTAGATGGAATGGGTTTTA	3
			R	AACCCTCCCACCAAATAAATACT	
			S	TTTTTTTTTTTTTTTTTTGTAAGGTT	
<i>TFF1</i>	Chr.3, 4300623- 4300862	96.1%	F	ATTAGAGTAGATGGAATGGGTTTTA	2
			R	AAATTCAAAAAATCCCTCTTATCC	
			S	GGTTTTTTAGATATGAGTAGG	
<i>PGR-A</i>	Chr.14, 99754110- 99754305	96.5%	F	GGGGTTTAGAATTGTTGTTTTTAGTATTT	7
			R	AACCAAACCTCCAACACCTTACCT	
<i>PGR-A</i>	Chr.14, 99754243- 99754487	95.5%	F	AGAGTAGTTAGTTTAGGGAGATAGGTAT	10
			R	CCCCTCCTCCTCCCTTTT	
			S	GTTTAGGGAGATAGGTATG	
<i>PGR-B</i>	Chr.14, 99755157- 99755327	98.3%	F	AGTGATAGTTGTGGATTGGTTAGAT	3
			R	CCATCCCAAAAACCTACTAT	
			S	TGGATTGGTTAGATAGTTT	
<i>GREB1</i>	Chr.13, 11603662- 11603810	97.3%	F	TAGGGTTTGTTTTTGAAGGGTAGA	2
			R	ATAACCCAATTACCACACTTTTT	
			S	TGAAGGGTAGAGTTGATA	
	Chr.13, 11603796- 11603960	96.4%	F	TGGTAATTGGGTTATTTTGATTTAGAAGT	2
R			ACCAAACATACTACTACAAATATTTCA		
			S	TTTGATTTAGAAGTAATTAATA	

^a Genome coordinates based on UCSC Rhesus Genome Jan. 2006 (MGSC Merged_1.0/rheMac2).

^b Sequence identity between macaque and human DNA for each amplicon.