

Supplementary Table S1. Primer information

Primer name	Sequence	Size (bp)	T_m (°C)
Bisulfite sequencing primers			
ABCA1 BSF1	GGTTAGAATAGATTAGTTTTTTAAGAAT	310	57
ABCA1 BSR1	AACTCTAATAACCCCAAACCTCTAC		
ABCA1 BSF2	ATTTAGGAGGTTGAGGTAGGAGAAT	408	60
ABCA1 BSR2	AAATACCAACACTAAATCTTCACTC		
ABCA1 BSF3	GAGGGAGGATTGGGTATTTTATTT	181	60
ABCA1 BSR3	TTCAACTTATTAACCAAACCTAATCTC		
ABCA1 BSF4	GTAGAGTTTTGGGGTTATTAGAGTT	251	50
ABCA1 BSR4	AAAAACTTATCAAAAAATAAAAAAAA		
ABCA1 BSF5	GGTTTTTGTTTATGTAGTTTAGTTATTAG	156	60
ABCA1 BSR5	AACCCTAAAACACCTACTATACCCTC		
ABCA1 BSF6	AGGGTATAGTAGGTGTTTTAGGGTT	169	60
ABCA1 BSR6	CAAAATTTAAAAAAAACAAATTCCACTA		
ABCA1 BSF8	TTTTTTTTATTTTTTGATAAGTTTTT	327	50
ABCA1 BSR8	CTAAATAACTAACTACATAAACAAAAAC		
MSP primers			
ABCA1 M F1	TATTAGAGTTCGTATTAGGATATCGT	159	50
ABCA1 M R1	CTTAAACGTTATTATTTTATTTTCGAA		
ABCA1 U F1	GGTTATTAGAGTTTGTATTAGGATATTGT	170	50
ABCA1 U R1	ATAACTTACTTAAACATTATTATTTTATTTC		
ABCA1 M F2	ATAAGGAGTAAAGCGTTTTGAGAATC	129	50
ABCA1 M R2	TACGAACGAAAATAAATAAAACCGAA		
ABCA1 U F2	AAGGAGTAAAGTGTTTTGAGAATTGG	127	50
ABCA1 U R2	TACAAACAAAAATAAATAAAACCAAA		
ABCA1 M F3	TAGAAAGTACGTGGAGTCGGG	148	58
ABCA1 M R3	AAAAAAAAAAACGCAAACCGCGAA		
ABCA1 U F3	TAGAAAGTATGTGGAGTTGGGG	140	58
ABCA1 U R3	ACACAAACCACAAACCCTAAAACA		
ABCA1 M F4	GGGTTTCGTTCGGTTTAAGACG	100	58
ABCA1 M R4	AAATTCCTACTAATACCCTTAACTACCGAA		
ABCA1 U F4	GGGTTTGTTGGTTTAAGATG	103	58
ABCA1 U R4	AACAAATTCCTACTAATACCCTTAACTACCA		
qRT-PCR primers			
ABCA1 qRT F	GGA CTCTGGCC CAGGAGCTGT	143	60
ABCA1 qRT R	CTCGGGATGCCCGCAGACAA		
GAPDH qRT F	GAAGGTCGGAGTCAACGGATTT	148	55
GAPDH qRT R	ATGGGTGGAATCATATTGGAA		

Supplementary Table S2. *ABCG1* and *ABCA1* gene expression

Comparison	<i>ABCG1</i>		<i>ABCA1</i>	
	Fold change	Adjusted p-value	Fold change	Adjusted p-value
LNCaP vs. PrEC	1.0157	0.850	0.1220	0
DU 145 vs. PrEC	0.9966	0.971	0.5332	0.004
DU 145 vs. LNCaP	0.9811	0.802	4.3692	0