

Table S9. Influence of gene polymorphisms on overall survival of 127 CRC patients.

Gen	SNPs	Genotype	OS								
			N	Events	MST (mo)	CI <sub>95%</sub>	Log-rank p-value	Ref. cat	Univariate Cox Model		
									HR	CI <sub>95%</sub>	p-value
VDR	rs1544410 (BsmI)	TT	33	12	108.5	41.9-NR	0.800	-	-	-	-
		CT	47	18	62.3	40.3-NR					
		CC	47	16	82.3	65.0-NR					
		T	80	30	108.5	48.6-NR	0.600	-	-	-	-
		C	94	34	82.3	61.3	0.900	-	-	-	-
	rs11568820 (Cdx2)	TT	6	0	NR	NR-NR	0.300	-	-	-	-
		CT	45	21	65.5	48.9-NR					
		CC	76	25	108.5	62.1-NR					
		T	51	21	75.9	52.0-NR	0.400	-	-	-	-
		C	121	46	82.3	61.3-NR	0.200	-	-	-	-
	rs2228570 (FokI)	GG	52	20	75.9	58.5-NR	0.900	-	-	-	-
		AG	63	23	114.9	52.1-NR					
		AA	12	3	NR	78.4-NR					
		G	115	43	82.3	61.3-NR	0.800	-	-	-	-
		A	75	26	114.9	53.5-NR	0.700	-	-	-	-
	rs7975232 (ApaI)	AA	48	21	48.9	39.6-NR	<b>0.090</b>	CC	2.181	0.962-4.944	<b>0.062</b>
		AC	51	17	114.9	61.3-NR			1.268	0.542-2.964	0.584
		CC	28	8	NR	75.9-NR			1	-	-
		A	99	38	65.5	52.0-NR	0.200	-	-	-	-
		C	79	25	134.5	69.3-NR	<b>0.030</b>	C	1.187	1.039-3.771	<b>0.037</b>
	rs731236 (TaqI)	GG	27	11	41.9	36.3-NR	<b>0.090</b>	AG	2.409	0.818-3.271	<b>0.034</b>
		AG	48	14	134.5	62.3-NR			1	-	-
		AA	52	21	75.9	58.5-NR			1.635	1.067-5.436	<b>0.164</b>
		G	75	25	108.5	53.5-NR	0.500	-	-	-	-
		A	100	35	134.5	65.0-NR	<b>0.080</b>	A	1.825	0.915- 3.637	<b>0.087</b>
CYP27B1	rs4646536	AA	7	31	75.9	53.5-NR	0.600	-	-	-	-
		AG	42	11	NR	48.9-NR					
		GG	14	4	114.9	62.1-NR					
		A	113	42	78.4	58.5-NR	0.500	-	-	-	-
		G	56	15	NR	62.1-NR	0.300	-	-	-	-
	rs3782130	CC	13	4	114.9	62.1-NR	0.500	-	-	-	-
		CG	43	11	NR	48.9-NR					
		GG	71	31	75.9	53.5-NR					
		C	56	15	NR	62.1-NR	0.200	-	-	-	-
		G	114	42	78.4	58.5-NR	0.500	-	-	-	-
	rs10877012	TT	12	4	114.9	62.1-NR	0.400	-	-	-	-
		GT	45	11	NR	61.3-NR					
		GG	70	31	69.3	53.5-NR					
		T	57	15	NR	62.1-NR	0.200	-	-	-	-
		G	115	42	82.3	58.5-NR	0.800	-	-	-	-
	rs703842	GG	14	4	114.9	62.1-NR	0.600	-	-	-	-
		AG	42	11	NR	48.9-NR					

		AA	71	31	75.9	53.5-NR					
		G	56	15	114.9	62.1-NR	0.300	-	-	-	-
		A	113	42	78.4	58.5-NR	0.500	-	-	-	-
CYP24A1	rs6068816	CC	89	30	82.3	58.5-NR	0.200	-	-	-	-
		CT	28	10	114.9	40.4-NR					
		TT	10	6	61.3	23.7-NR					
		C	117	40	108.5	62.3-NR	0.060	C	2.244	0.946-5.327	0.067
		T	38	16	75.9	39.6-NR	0.500	-	-	-	-
	rs4809957	GG	8	2	40.3	35.0-NR	0.900	-	-	-	-
		GA	37	14	82.3	58.5-NR					
		AA	82	30	114.9	56.2-NR					
		G	45	16	82.3	58.5-NR	0.800	-	-	-	-
		A	119	44	108.5	62.1-NR	0.800	-	-	-	-
CYP2R1	rs10741657	GG	57	19	108.5	62.1-NR	0.800	-	-	-	-
		AG	56	21	114.9	52.0-NR					
		AA	14	6	75.9	58.5-NR					
		G	113	40	108.5	61.3-NR	0.900	-	-	-	-
		A	70	27	75.9	53.5-NR	0.600	-	-	-	-
GC	rs7041	AA	27	5	NR	NR-NR	0.010	AA	1	-	-
		AC	71	30	61.3	41.9-NR			3.514	1.359-9.088	0.009
		CC	29	11	114.9	65.0-NR			1.997	0.692-5.761	0.201
		A	98	35	69.3	56.2-NR	0.500	-	-	-	-
		C	100	41	65.5	53.5-NR	0.020	AA	2.914	1.149-7.393	0.020
HR, hazard ratio. IC <sub>95%</sub> , 95% confidence interval. MST, median survival time (months). NR, not reached.											