

Supplementary

Table S1 Model construction coefficient

ID	coef
SMC2	-0.425320
HSPB1	0.149075

Table S2 Detailed description of 14 SNP

SNP	other_allele	effect_allele	beta	se	P value	eaf
rs10864726	C	T	0.008928	0.021933	0.683946	0.216388
rs1169297	G	A	0.030291	0.018895	0.10891	0.532898
rs117643180	C	A	-0.0898	0.086794	0.300867	0.010127
rs12314700	A	T	-0.00632	0.019439	0.745277	0.318334
rs2419604	A	G	-0.0232	0.021353	0.277181	0.775871
rs2575876	G	A	-0.00463	0.020069	0.817525	0.273883
rs2645433	G	C	-0.0106	0.023849	0.656803	0.224515
rs35853021	G	T	0.004344	0.022541	0.847174	0.792675
rs4149307	C	T	0.005085	0.019435	0.793584	0.695966
rs429358	T	C	-0.05664	0.030157	0.060339	0.102081
rs473224	T	G	0.023188	0.032689	0.478112	0.913313
rs585188	G	A	-0.01716	0.037662	0.6486	0.063544
rs964184	G	C	0.033663	0.02068	0.103565	0.718869
rs9987289	A	G	-0.01387	0.088655	0.875681	0.990142

SNP, single nucleotide polymorphism.

Table S3 PCR sequence of prognostic model gene

Gene	PCR sequence
<i>SMC2-F</i>	TAAAGTCGATTGTAAGGAGGGCTTC
<i>SMC2-R</i>	GGAGATTTGTGGCTCGAACCT
<i>HSPB1-F</i>	CAGAGCAGAGTCAGCCAGCA
<i>HSPB1-R</i>	TGGTCGAAGAGGCGGCTAT
<i>ACTB-F</i>	TGCGTGACATTAAGGAGAA
<i>ACTB-R</i>	AAGGAAGGCTGGAAGAGT

PCR, polymerase chain reaction.