

附表 1 与食管癌风险相关的 8 种肠道菌群相关的 SNP 特征

肠道菌群	单核苷酸多态性	效应等位基因	Beta 值	SE	P 值	F 值
草酸杆菌科	rs111966731	T	0.204	0.045	4.56E-06	20.95
	rs11246212	C	-0.136	0.029	4.51E-06	21.74
	rs12002250	A	0.196	0.045	5.53E-06	19.41
	rs1569853	T	-0.140	0.028	7.45E-07	24.71
	rs17138946	G	-0.189	0.043	8.09E-06	19.38
	rs36057338	G	0.182	0.040	6.26E-06	20.74
	rs4428215	G	0.126	0.023	4.88E-08	29.81
	rs561239	A	0.106	0.024	7.19E-06	19.86
	rs6000536	C	-0.118	0.024	7.39E-07	24.06
	rs62435498	C	0.182	0.040	7.46E-06	20.53
	rs736744	T	-0.106	0.020	1.49E-07	27.72
	rs7993559	A	-0.092	0.020	5.04E-06	20.97
	rs80330081	A	-0.188	0.042	6.64E-06	19.59
	rs934049	G	0.110	0.024	4.21E-06	21.15
伯克霍尔德氏菌目	rs1511453	A	0.091	0.020	8.00E-06	20.85
	rs1928341	G	-0.051	0.011	4.52E-06	21.08
	rs2321387	G	-0.051	0.011	3.26E-06	21.53
	rs2613606	T	0.050	0.011	4.13E-06	20.90
	rs4033856	T	-0.083	0.017	5.67E-07	24.76
	rs6087811	T	-0.102	0.020	2.88E-07	26.10
	rs62191117	A	0.068	0.013	2.79E-07	26.35
	rs62395635	T	0.110	0.024	2.90E-06	21.62
	rs75242906	C	-0.121	0.028	9.75E-06	18.50
	rs7638039	T	0.058	0.013	4.84E-06	21.01
	rs9964679	A	0.053	0.012	6.06E-06	20.83
粪杆菌属	rs11532348	C	-0.104	0.023	5.71E-06	20.99
	rs12684609	T	0.101	0.022	6.10E-06	20.93
	rs12996055	A	0.092	0.021	8.08E-06	19.38
	rs143662916	C	0.253	0.054	3.07E-06	21.98
	rs189356	G	0.078	0.017	6.26E-06	20.64
	rs213863	T	0.089	0.019	2.35E-06	22.19
	rs28402691	T	0.111	0.025	9.56E-06	19.42
	rs305411	A	0.129	0.026	1.01E-06	23.86
	rs3828477	G	-0.091	0.020	2.89E-06	21.73

	rs72821405	T	-0.147	0.032	4.76E-06	21.21
	rs74919520	G	0.126	0.028	5.76E-06	20.70
真杆菌属氧化还原类	rs12129908	A	-0.089	0.020	5.80E-06	20.28
	rs12423772	G	0.141	0.030	2.63E-06	22.83
	rs2973294	G	0.092	0.020	2.39E-06	22.83
	rs34561138	G	0.216	0.046	2.51E-06	22.08
罗姆布茨菌属	rs10279978	A	-0.062	0.013	1.17E-06	23.75
	rs11221428	T	-0.073	0.016	6.49E-06	21.09
	rs16843578	C	-0.088	0.020	5.08E-06	19.78
	rs28603357	T	-0.215	0.047	8.52E-06	20.49
	rs34302036	G	-0.055	0.012	5.88E-06	20.73
	rs61841503	G	0.093	0.017	4.00E-08	29.35
	rs62504452	A	-0.071	0.016	4.66E-06	20.54
	rs7109293	A	0.092	0.021	6.98E-06	19.95
	rs75200530	T	-0.191	0.042	5.07E-06	20.50
	rs75987356	G	-0.130	0.028	6.71E-06	21.34
	rs77702691	A	-0.094	0.021	7.37E-06	20.49
	rs9389266	T	0.072	0.016	9.38E-06	19.82
	rs9567264	C	0.058	0.013	5.76E-06	20.69
塞内加尔菌属	rs10036909	C	0.186	0.040	8.05E-06	21.41
	rs11787826	C	0.081	0.017	2.63E-06	22.58
	rs2017373	C	0.078	0.018	9.50E-06	19.56
	rs7225245	A	-0.079	0.017	4.18E-06	21.58
苏黎世杆菌属	rs11054680	T	-0.105	0.023	2.31E-06	21.29
	rs11666533	C	-0.112	0.025	7.37E-06	20.21
	rs12603364	T	0.111	0.023	8.67E-07	24.14
	rs149744580	A	0.170	0.032	7.01E-08	28.99
	rs2834977	T	-0.096	0.021	3.96E-06	21.25
	rs2952020	A	0.076	0.017	5.63E-06	20.96
	rs4869133	G	0.131	0.027	2.55E-06	23.26
	rs55756211	T	-0.115	0.024	2.81E-06	22.87
韦荣氏球菌属	rs1882878	A	-0.077	0.016	2.98E-06	22.01
	rs2013594	C	0.072	0.016	3.42E-06	21.57
	rs55807413	A	0.107	0.024	5.51E-06	20.40
	rs62376424	C	-0.076	0.016	3.65E-06	21.73
	rs6656807	G	-0.070	0.015	5.50E-06	20.85
	rs7359080	C	-0.135	0.030	7.40E-06	19.90
	rs742016	A	-0.069	0.015	4.66E-06	21.13

