Table S1 Diversity indices of *dsr* genes

	M16 9/5	M16 9/19	M21 7/27	M21 8/10	M24 7/27	M24 8/10	B05 7/27	B05 9/19
Richness[a]	156	137	170	179	101	123	166	175
H[b]	4.06	3.41	4.07	4.77	3.15	3.29	3.96	4.19
1/D[c]	36.2	11.4	38.2	87.2	14.7	12.5	26.5	35.2
Evenness[d]	0.80	0.69	0.79	0.92	0.68	0.68	0.77	0.81

[a]Detected gene number.

[b]Shannon-Weiner index, higher number represents higher diversity.

[c]Reciprocal of Simpson's index, higher number represents higher diversity.

[d]Evenness index.

Table S2 Gene uniqueness of *dsr* genes in the samples (gene number and percentage of genes detected)

	M16 9/19	M21 7/27	M21 8/10	M24 7/27	M24 8/10	B05 7/27	B05 9/19
M16 9/5/06	127(76.51%)	151(86.29%)	156(87.15%)	98(61.64%)	112(67.07%)	147(84.00%)	154(87.01%)
M16 9/19/06		133(76.44%)	137(76.54%)	93(64.14%)	101(63.52%)	130(75.14%)	135(76.27%)
M21 7/27/06			170(94.97%)	98(56.65%)	119(68.39%)	161(92.00%)	165(91.67%)
M21 8/10/06				101(56.42%)	123(68.72%)	166(92.74%)	174(96.67%)
M24 7/27/06					81(56.64%)	97(57.06%)	101(57.71%)
M24 8/10/06						119(70.00%)	120(67.42%)
B05 7/27/06							161(89.44%)