

Table 6. Ortholog pairs of *Avh* genes

Ortholog pair	<i>P. ramorum</i> Avh	<i>P. sojae</i> Avh	dN	dS	dN/dS*
1	PrAvh_5	PsAvh_189	0.20	1.31	0.15
2	PrAvh_7	PsRF_33			
3	PrAvh_21	PsAvh_269	0.40	2.06	0.19
4	PrAvh_25	PsAvh_180			
5	PrAvh_30	PsAvh_31	0.26	1.92	0.14
6	PrAvh_43	PsAvh_184			
7	PrAvh_44	PsAvh_65	0.49	1.54	0.32
8	PrAvh_53	PsAvh_29	0.54	1.62	0.33
9	PrAvh_55	PsAvh_260	0.56	2.26	0.25
10	PrAvh_58	PsAvh_340	0.29	2.56	0.11
11	PrAvh_60	PsAvh_261	0.42	1.23	0.34
12	PrAvh_61	PsAvh_240			
13	PrAvh_63	PsAvh_182	0.48	2.83	0.17
14	PrAvh_66	PsAvh_95	0.33	3.24	0.10
15	PrAvh_72	PsAvh_137	0.46	1.34	0.34

16	PrAvh_77	PsAvh_42				
17	PrAvh_81	PsAvh_350				
18	PrAvh_95	PsAvh_66	0.37	1.77	0.21	
19	PrAvh_103	PsRF_51				
20	PrAvh_115	PsAvh_256	0.51	1.44	0.35	
21	PrAvh_130	PsAvh_75	0.33	2.43	0.14	
22	PrAvh_145	PsAvh_219	0.57	5.67	0.10	
23	PrAvh_160	PsAvh_265				
24	PrAvh_170	PsRF_54				
25	PrAvh_193	PsAvh_246				
26	PrAvh_194	PsAvh_254	0.55	2.47	0.22	
27	PrAvh_215	PsAvh_38				
28	PrAvh_222	PsAvh_144				
29	PrAvh_223	PsAvh_145				
30	PrAvh_280	PsAvh_17	0.39	4.96	0.08	
31	PrAvh_285	PsAvh_227				
32	PrAvh_290	PsAvh_366	0.53	1.07	0.49	

*dN/dS is estimated with the pairwise sequence analysis of the codeml program of the PAML v3.14 package. The dN/dS value is only estimated from the sequences that can be aligned properly in frame.