

**Table S2.** List of resistance gene analogs (RGAs) in *Brassica carinata* zd-1 v1.0 identified by RGAugury pipeline.

Number	Gene	RGA type
1	BcaC04g22760	CN
2	BcaC07g38502	CN
3	BcaB02g09974	CN
4	BcaNung05332	CN
5	BcaC08g43505	CN
6	BcaB07g31340	CN
7	BcaC03g16764	CN
8	BcaC04g19598	CN
9	BcaC07g38510	CN
10	BcaB07g31351	CN
11	BcaC09g51441	CN
12	BcaC03g16769	CN
13	BcaC01g01216	CNL
14	BcaC03g17971	CNL
15	BcaB06g25378	CNL
16	BcaB08g34626	CNL
17	BcaC07g42571	CNL
18	BcaB07g33473	CNL
19	BcaB08g36407	CNL
20	BcaB07g30851	CNL
21	BcaC06g33794	CNL
22	BcaB02g09973	CNL
23	BcaC04g22424	CNL
24	BcaC04g23168	CNL
25	BcaC09g49372	CNL
26	BcaB08g34460	CNL
27	BcaB03g13168	CNL
28	BcaC08g43336	CNL
29	BcaC06g31794	CNL
30	BcaC07g41717	CNL
31	BcaB01g00645	CNL
32	BcaB02g07270	CNL
33	BcaC06g30745	CNL
34	BcaB07g31336	CNL
35	BcaC04g19685	CNL
36	BcaC07g39476	CNL
37	BcaC01g03216	CNL
38	BcaC08g43237	CNL
39	BcaC06g30724	CNL
40	BcaC06g34474	CNL
41	BcaC05g25204	CNL
42	BcaC02g08928	CNL
43	BcaB02g09946	CNL
44	BcaB03g15642	CNL
45	BcaB07g31264	CNL
46	BcaC02g11752	CNL
47	BcaC09g49497	CNL
48	BcaNung05799	CNL
49	BcaC07g42561	CNL
50	BcaB03g16340	CNL
51	BcaB04g20089	CNL
52	BcaB04g20286	CNL
53	BcaC06g34429	CNL
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55	BcaC01g01510	CNL
56	BcaB07g31338	CNL
57	BcaC04g21725	CNL
58	BcaB01g00640	CNL
59	BcaC06g30971	CNL
60	BcaC09g50671	CNL

61	BcaNung04015	CNL
62	BcaC09g50597	CNL
63	BcaB03g13138	CNL
64	BcaC09g49457	CNL
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66	BcaB04g20092	CNL
67	BcaB07g33472	CNL
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69	BcaB07g31810	CNL
70	BcaB01g00559	CNL
71	BcaB03g13413	CNL
72	BcaC06g31548	CNL
73	BcaC04g22316	CNL
74	BcaB03g13197	CNL
75	BcaC02g11243	CNL
76	BcaC07g41711	CNL
77	BcaNung04016	CNL
78	BcaC05g25496	CNL
79	BcaB08g34547	CNL
80	BcaC06g34763	CNL
81	BcaB03g13136	CNL
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84	BcaC07g41710	CNL
85	BcaC07g38504	CNL
86	BcaC08g42981	CNL
87	BcaC08g43199	CNL
88	BcaB04g20245	CNL
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90	BcaC04g18749	NBS
91	BcaC04g22423	NBS
92	BcaC05g25208	NBS
93	BcaC07g41368	NBS
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102	BcaB06g27432	NBS
103	BcaB05g23829	NBS
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105	BcaC03g15429	NBS
106	BcaB04g20325	NBS
107	BcaB01g00987	NBS
108	BcaC06g34725	NBS
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128	BcaC08g46726	NBS
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140	BcaC04g18747	NL
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147	BcaB06g29169	NL
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176	BcaC09g52148	NL
177	BcaC04g21188	NL
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179	BcaNung05226	NL
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181	BcaNung04011	NL
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188	BcaB05g23289	NL
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