

Table 1 Information of NRL family genes in rice

Gene name	Gene ID	Length of CDS	Amino acid sequence length	MW (kD)	pI	Predicted protein location
<i>OsNRL1</i>	LOC_Os01g08130	924	307	31.37	7.58	Plastid
<i>OsNRL2</i>	LOC_Os01g57230	1 980	659	70.63	5.33	Peroxisome
<i>OsNRL3</i>	LOC_Os02g35970	2 289	762	80.62	7.73	Cytomembrane
<i>OsNRL4</i>	LOC_Os02g38120	1 962	653	69.62	7.04	Nucleus
<i>OsNRL5</i>	LOC_Os03g10800	1 818	605	66.66	8.31	Nucleus
<i>OsNRL6</i>	LOC_Os03g10880	1 881	626	68.03	8.2	Nucleus
<i>OsNRL7</i>	LOC_Os03g22600	2 016	671	71.52	9.22	Plastid
<i>OsNRL8</i>	LOC_Os03g41350	1 905	634	69.53	6.51	Nucleus
<i>OsNRL9</i>	LOC_Os03g43990	1 875	624	69.53	7.07	Plastid
<i>OsNRL10</i>	LOC_Os03g52880	2 004	667	72.93	6.17	Nucleus
<i>OsNRL11</i>	LOC_Os03g55830	2 052	683	74.63	5.91	Nucleus
<i>OsNRL12</i>	LOC_Os04g40100	1 884	627	66.34	9.57	Cytomembrane
<i>OsNRL13</i>	LOC_Os04g54400	1 935	644	70.04	4.66	Cytomembrane
<i>OsNRL14</i>	LOC_Os04g57800	1 701	566	61.74	8.42	Cytomembrane
<i>OsNRL15</i>	LOC_Os05g08530	1 506	501	51.33	10.21	Cytomembrane
<i>OsNRL16</i>	LOC_Os06g08550	1 935	644	70.02	5.97	Endoplasm
<i>OsNRL17</i>	LOC_Os07g36230	1 707	568	60.01	8.08	Cytomembrane
<i>OsNRL18</i>	LOC_Os07g39530	2 166	721	78.42	6.89	Nucleus
<i>OsNRL19</i>	LOC_Os08g03650	1 926	641	71.31	6.38	Nucleus
<i>OsNRL20</i>	LOC_Os09g09370	1 764	587	63.96	7.55	Cytoplasm
<i>OsNRL21</i>	LOC_Os09g25330	1 857	618	68.33	8.29	Nucleus
<i>OsNRL22</i>	LOC_Os11g02610	1 716	571	60.54	8.21	Nucleus
<i>OsNRL23</i>	LOC_Os11g02620	1 932	643	70.89	6.51	Plastid
<i>OsNRL24</i>	LOC_Os12g02530	1 716	571	60.68	8.47	Nucleus
<i>OsNRL25</i>	LOC_Os12g02540	1 956	651	71.85	6.74	Plastid
<i>OsNRL26</i>	LOC_Os12g39380	1 917	638	69.63	5.26	Endoplasm
<i>OsNRL27</i>	LOC_Os12g41910	1 953	650	72.09	5.85	Cytoplasm-nucleus