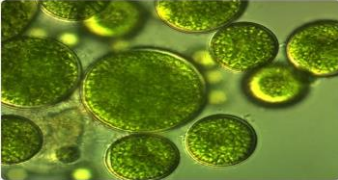





Supplementary Figure 4: Details of number of Rboh genes in different plants

Plant subgroup	Species Name	Number of Rboh	Family
Algae	 <i>Pyropia yezoensis</i>	11	Bangiophyceae
	<i>Physcomitrelia patens</i>	5	Funariaceae
Bryophytes	 <i>Marchantia polymorpha</i>	2	Marchantiaceae
Pteridophytes	 <i>Selaginella moellendorffii</i>	9	Selaginellaceae
Gymnosperm	 <i>Pinus taeda</i>	6	Pinaceae
	<i>Picea abies L. Karst</i>	13	Pinaceae
	<i>Triticum aestivum</i>	5	Poaceae
	<i>Oryza sativa</i>	9	
	<i>Hordeum vuigare</i>	6	
	<i>Brachypodium distachhyon</i>	9	
	<i>Setaria</i>	13	
	<i>sorghum bicolor</i>	10	Musaceae
	<i>Zea mays</i>	15	
	<i>Musa acuminara</i>	14	
	<i>Vitis vinifera</i>	7	Vitaceae

Angiosperm



<i>Nymphaea colorata</i>	5	Nymphaeaceae
<i>Amborella trichopoda</i>	5	Amborellaceae
<i>Vitis vinifera</i>	7	Vitaceae
<i>Jatropha curcas</i>	7	Euphorbeaceae
<i>Ricinus cmmunis</i>	7	
<i>solanum tuberosum</i>	8	Solanaceae
<i>solanum hy</i>	7	
<i>Glycine max</i>	17	Fabaceae
<i>Populus trichocarpa</i>	10	Salicaceae
<i>Theobroma cacao</i>	7	Malvaceae
<i>Fragaria vesca</i>	7	Rosaceae
<i>Prunus muma</i>	8	
<i>Prunus avium</i>	4	
<i>Prunus persica</i>	7	
<i>Prunus dulcis</i>	7	
<i>Malus domestica</i>	10	
<i>Brassica rapa</i>	14	Brassicaceae
<i>Arabidopsis thaliana</i>	10	
<i>Citrus sinensis</i>	8	Rutaceae
<i>Theobroma cacao</i>	7	
<i>Rosa chinensis</i>	9	Malvaceae