

Development and GBS-genotyping of Introgression Lines (ILs) using two wild species of rice, *O. meridionalis* and *O. rufipogon*, in a common recurrent parent, *O. sativa* cv. Curinga. *Molecular Breeding*. Arbelaez J. D., Moreno L. T., Singh N., Tung C.-W., Maron L. G., Ospina Y., Martinez C. P., Grenier C., Lorieux M., McCouch S. Department of Plant Breeding and Genetics, Cornell University, emails: srm4@cornell.edu

Online Resource 7. (a) Pericarp color evaluation and genotypic evaluation for the RP *CUR* the two donor parents *MER* and *RUF*, 17 ILs and two control lines (cv IR64 and Azucena). **(b)** Pericarp color of the recurrent parent *CUR* and of the donor parents *RUF* and *MER*. Pericarp color for six ILs with different allele combination for the loci *Rd* and *Rc*. The – sign represent the recurrent parent allele *CUR* and the + sign represent the presence of the donor allele *MER* or *RUF* based on the GBS genotypic data

a)

Genotype	<i>Rc</i> loci donor introgression	<i>Rd</i> loci donor introgression	Color phenotype	14-bp length <i>Rc</i> deletion
<i>CUR</i>	-	-	White	Yes
<i>MER</i>	+	+	Red	No
<i>MER16</i>	+	-	Red	No
<i>MER23</i>	+	-	Red	No
<i>MER22</i>	-	+	White	Yes
<i>MER24</i>	-	-	White	Yes
<i>MER15</i>	-	-	White	Yes
<i>MER17</i>	-	-	White	Yes
<i>RUF</i>	+	+	Red	No
<i>RUF01</i>	+	-	Red	No
<i>RUF04</i>	+	+	Red	No
<i>RUF07</i>	-	+	White	Yes
<i>RUF08</i>	+	+	Red	No
<i>RUF10</i>	-	+	White	Yes
<i>RUF12</i>	-	+	White	Yes
<i>RUF29</i>	+	-	Red	No
<i>RUF32</i>	-	+	White	Yes
<i>RUF36</i>	+	+	Red	No
<i>RUF39</i>	+	-	Red	No
<i>RUF41</i>	+	+	Red	No
IR64	-	-	White	Yes
Azucena	-	-	White	Yes

b)

