

**Structure, allelic diversity and selection of *Asr* genes, candidate for drought tolerance, in *Oryza sativa* L.  
and wild relatives**

Theoretical and Applied Genetics

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**Online Resource 8.** Pairwise  $F_{ST}$  between rice groups: indica, aus, boro, sadri/basmati , tropical japonica and temperate japonica.

<i>Pairwise <math>F_{ST}</math> Asr1</i>	<i>indica</i>	<i>aus</i>	<i>boro</i>	<i>sadri / basmati</i>	<i>tropical japonica</i>
<b>indica</b>	0.000				
<b>aus</b>	0.051	0.000			
<b>boro</b>	0.043	-	0.000		
<b>sadri/basmati</b>	0.127 **	0.112	0.187	0.000	
<b>tropical japonica</b>	0.110 **	0.037	0.117 **	0.011	<b>0.000</b>
<b>temperate japonica</b>	<b>0.101 **</b>	<b>0.041</b>	<b>0.124 **</b>	<b>0.009</b>	<b>0.000</b>

<i>Pairwise <math>F_{ST}</math> Asr2</i>	<i>indica</i>	<i>aus</i>	<i>boro</i>	<i>sadri / basmati</i>	<i>tropical japonica</i>
<b>indica</b>	0.000				
<b>aus</b>	0.114 **	0.000			
<b>boro</b>	0.090 **	-	0.000		
<b>sadri/basmati</b>	0.168 **	0.025	0.057	0.000	
<b>tropical japonica</b>	0.102 **	0.089	0.069	0.125 **	<b>0.000</b>
<b>temperate japonica</b>	<b>0.156 **</b>	<b>0.012</b>	<b>0.040</b>	<b>-0.011</b>	<b>0.122 **</b>

<i>Pairwise <math>F_{ST}</math> Asr3</i>	<i>indica</i>	<i>aus</i>	<i>boro</i>	<i>sadri / basmati</i>	<i>tropical japonica</i>
<b>indica</b>	0.000				
<b>aus</b>	0.257 **	0.000			
<b>boro</b>	0.228 **	-0.006	0.000		
<b>sadri/basmati</b>	0.425 **	0.511 **	0.400 **	0.000	
<b>tropical japonica</b>	0.466 **	0.623 **	0.515 **	0.004	<b>0.000</b>
<b>temperate japonica</b>	<b>0.399 **</b>	<b>0.430 **</b>	<b>0.317 **</b>	<b>0.006</b>	<b>0.066</b>

<i>Pairwise <math>F_{ST}</math> Asr5</i>	<i>indica</i>	<i>aus</i>	<i>boro</i>	<i>sadri / basmati</i>	<i>tropical japonica</i>
<b>indica</b>	0.000				
<b>aus</b>	0.015	0.000			
<b>boro</b>	0.118 **	0.009	0.000		
<b>sadri/basmati</b>	0.690 **	0.743 **	0.620 **	0.000	
<b>tropical japonica</b>	0.509 **	0.394 **	0.240 **	0.137 **	<b>0.000</b>
<b>temperate japonica</b>	<b>0.706 **</b>	<b>0.781 **</b>	<b>0.666 **</b>	<b>0.000</b>	<b>0.158 **</b>

\*\* P-value < 0.01