Additional Table 2
Meiotic recombination frequencies (MRF) in autotetraploid *A. thaliana* with single copy meiotic tester

<table>
<thead>
<tr>
<th>Meiosis ¹</th>
<th>Plant ID</th>
<th>Seed fluorescence</th>
<th>Seeds total</th>
<th>MRF (%)</th>
<th>S.D. ³ (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Green-only</td>
<td>Red-only</td>
<td>Yellow²</td>
<td>None</td>
</tr>
<tr>
<td>Female</td>
<td>#01</td>
<td>17</td>
<td>26</td>
<td>95</td>
<td>98</td>
</tr>
<tr>
<td></td>
<td>#02</td>
<td>23</td>
<td>32</td>
<td>95</td>
<td>104</td>
</tr>
<tr>
<td></td>
<td>#03</td>
<td>16</td>
<td>12</td>
<td>106</td>
<td>131</td>
</tr>
<tr>
<td></td>
<td>#04</td>
<td>28</td>
<td>26</td>
<td>126</td>
<td>183</td>
</tr>
<tr>
<td></td>
<td>#05</td>
<td>18</td>
<td>23</td>
<td>146</td>
<td>157</td>
</tr>
<tr>
<td></td>
<td>#06</td>
<td>29</td>
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<td>237</td>
<td>225</td>
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<tr>
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<td>#07</td>
<td>20</td>
<td>31</td>
<td>148</td>
<td>146</td>
</tr>
<tr>
<td></td>
<td>#08</td>
<td>52</td>
<td>47</td>
<td>231</td>
<td>246</td>
</tr>
<tr>
<td></td>
<td>#09</td>
<td>23</td>
<td>26</td>
<td>135</td>
<td>135</td>
</tr>
<tr>
<td></td>
<td>#10</td>
<td>38</td>
<td>52</td>
<td>268</td>
<td>278</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>264</td>
<td>317</td>
<td>1587</td>
<td>1703</td>
</tr>
</tbody>
</table>

| Selfing   |          |           |           |         |           |              | 3.2        |
|           | #01      | 97        | 118      | 749     | 188       | 1152        | 18.7       |
|           | #02      | 140       | 186      | 933     | 230       | 1489        | 21.9       |
|           | #03      | 185       | 197      | 1214    | 272       | 1868        | 20.4       |
|           | #04      | 187       | 199      | 1298    | 324       | 2008        | 19.2       |
|           | #05      | 173       | 246      | 1237    | 324       | 1980        | 21.2       |
|           | #06      | 171       | 212      | 1221    | 297       | 1901        | 20.1       |
|           | #07      | 126       | 149      | 925     | 210       | 1410        | 19.5       |
|           | #08      | 232       | 266      | 1601    | 372       | 2471        | 20.2       |
|           | #09      | 245       | 293      | 1668    | 407       | 2613        | 20.6       |
|           | #10      | 312       | 350      | 1861    | 474       | 2997        | 22.1       |
| Total     |          | 1868      | 2216     | 12707   | 3098      | 19889       | 20.5       |

| Male      |          |           |           |         |           |              | 1.1        |
|           | #01      | 32        | 21       | 48      | 64        | 165         | 32.1       |
|           | #02      | 74        | 71       | 147     | 163       | 455         | 31.9       |
|           | #03      | 34        | 50       | 118     | 84        | 286         | 29.4       |
|           | #04      | 45        | 49       | 120     | 130       | 344         | 27.3       |
|           | #05      | 73        | 75       | 218     | 224       | 590         | 25.1       |
|           | #06      | 120       | 111      | 278     | 310       | 819         | 28.2       |
|           | #07      | 49        | 41       | 84      | 121       | 295         | 30.5       |
|           | #08      | 39        | 32       | 93      | 101       | 265         | 26.8       |
|           | #09      | 40        | 42       | 121     | 148       | 351         | 23.4       |
| Total     |          | 506       | 492      | 1227    | 1345      | 3570        | 28.0       |

¹ Transmission of the meiotic recombination tester through maternal (female), paternal (male) or both gametes (selfed) determined by reciprocal crosses (female, male) or self-pollination.

² Seeds showing both red and green fluorescence.

³ S.D. - standard deviation