

506 **SUPPLEMENTARY INFORMATION**

507

508 **Supplementary Table S1.** Porcine microsatellite markers with chromosome location (SSC), annealing
509 temperature (TA), expected fragment size (EFS), and observed fragment size (OFS)

510

| Marker | SSC | TA (°C) | EFS (bp) | OFS (bp) |
|----------------|-----|---------|----------|----------|
| <i>S0155</i> * | 1 | 53 | 150-166 | 141-165 |
| <i>CGA</i> * | 1 | 57 | 266-302 | 214-320 |
| <i>S0226</i> * | 2 | 57 | 181-205 | 175-216 |
| <i>SW240</i> * | 2 | 57 | 90-115 | 88-120 |
| <i>S0002</i> * | 3 | 61 | 190-216 | 184-254 |
| <i>SW72</i> * | 3 | 61 | 90-120 | 94-112 |
| <i>S0227</i> * | 4 | 61 | 231-256 | 225-265 |
| <i>IGF-1</i> * | 5 | 56 | 197-209 | 189-207 |
| <i>S0005</i> * | 5 | 57 | 205-248 | 201-247 |
| <i>SW122</i> * | 6 | 57 | 110-122 | 99-133 |
| <i>S0101</i> * | 7 | 56 | 197-216 | 195-223 |
| <i>SW632</i> * | 7 | 57 | 159-180 | 144-176 |
| <i>S0225</i> * | 8 | 52 | 170-196 | 167-193 |
| <i>SW911</i> * | 9 | 61 | 153-177 | 144-172 |
| <i>SW951</i> * | 10 | 59 | 120-136 | 120-132 |
| <i>S0386</i> * | 11 | 50 | 156-172 | 150-190 |
| <i>S0090</i> * | 12 | 58 | 244-251 | 229-249 |
| <i>S0068</i> * | 13 | 64 | 211-260 | 207-257 |
| <i>S0215</i> * | 13 | 64 | 135-169 | 123-183 |
| <i>SW857</i> * | 14 | 61 | 144-160 | 138-164 |
| <i>S0355</i> * | 15 | 56 | 243-277 | 241-269 |
| <i>SW936</i> * | 15 | 57 | 80-117 | 75-119 |
| <i>S0026</i> * | 16 | 59 | 92-106 | 85-111 |
| <i>SW1031</i> | 17 | 57 | 93-107 | 87-116 |
| <i>S0120</i> | 18 | 57 | 154-176 | 148-181 |
| <i>S0218</i> * | X | 61 | 166-204 | 156-188 |

511 * ISAG/ FAO, 2004.