

INTERPRETATION TABLE

KIR SSP Genotyping

Amplification patterns of the KIR alleles

| | Well ⁵ | | | | | | | | | | | |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Length of spec. | 145 | 150 | 100 | 200 | 155 | 1650 | 1650 | 100 | 205 | 130 | 215 | 200 |
| PCR product | | | 520 | | | | | | | | | |
| Length of int. | 800 | 1070 | 1070 | 1070 | 1070 | 430 | 515 | 1070 | 1070 | 1070 | 1070 | 1070 |
| pos. control ¹ | | | | | | | | | | | | |
| 5'-primer(s) ² | 130 | 208 | 226 | 208 | 226 | -16 | -16 | 165 | 140 | 236 | 229 | 234 |
| | 5'-gAA ^{3'} | 5'-CCA ^{3'} | 5'-CCA ^{3'} | 5'-CCg ^{3'} | 5'-CCA ^{3'} | 5'-TCA ^{3'} | 5'-TCg ^{3'} | 5'-gAg ^{3'} | 5'-gTA ^{3'} | 5'-CAC ^{3'} | 5'-CTA ^{3'} | 5'-TCT ^{3'} |
| | | 156 | 332 | | | | -16 | 165 | | | | |
| | | 5'-AAA ^{3'} | 5'-TCg ^{3'} | | | | 5'-Tgg ^{3'} | 5'-gAA ^{3'} | | | | |
| | | | 344 | | | | | | | | | |
| | | | 5'-CTg ^{3'} | | | | | | | | | |
| 3'-primer(s) ³ | 165 | 243 | 246 | 262 | 276 | 27 | 27 | 185 | 195 | 266 | 288 | 288 |
| | 5'-gCg ^{3'} | 5'-ACA ^{3'} | 5'-AgA ^{3'} | 5'-ggA ^{3'} | 5'-gAg ^{3'} | 5'-ACA ^{3'} | 5'-ACA ^{3'} | 5'-gAC ^{3'} | 5'-ATg ^{3'} | 5'-CCT ^{3'} | 5'-ggA ^{3'} | 5'-ggA ^{3'} |
| | | 195 | 350 | | | | | | | | | |
| | | 5'-ATg ^{3'} | 5'-CAA ^{3'} | | | | | | | | | |
| | | | 351 | | | | | | | | | |
| | | | 5'-ACC ^{3'} | | | | | | | | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| KIR allele ⁴ | | | | | | | | | | | | |
| 2DL1*001-025 | 1 | | | | | | | | | | | |
| 2DL2*0010101-010 | | 2 | | | | | | | | | | |
| 2DL3*0010101-0010111, 00103-017 ⁶ | | | 3 | | | | | | | | | |
| 2DL4*00101-022 | | | | 4 | | | | | | | | |
| 2DL5A*0010101-00105, 0050101-005010104, 01201-01202, 014-015 | | | | | 5 | 6 | | | | | | |
| 2DL5B*0020101-004, 00601-011, 01301-01303, 016 | | | | | 5 | | 7 | | | | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Length of spec. | 145 | 150 | 100 | 200 | 155 | 1650 | 1650 | 100 | 205 | 130 | 215 | 200 |

| PCR product | | | 520 | | | | | | | | | |
|--|---|---|-----|---|---|---|---|---|---|----|----|----|
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 2DS1*001 | | | | | | | | 8 | | | | |
| 2DS1*0020101-008 | | | | | | | | 8 | | | | |
| 2DS2*0010101-008 | | | | | | | | | 9 | | | |
| 2DS3*00101-005 | | | | | | | | | | 10 | | |
| 2DS4*0010101-00104, 01101-01102, 014, 015 | | | | | | | | | | | 11 | |
| 2DS4*0030101-0030104, 0040101-0040102, 0060101-0060102, 007-010, 012, 013 | | | | | | | | | | | | 12 |
| 2DS5*001-011 | | | | | | | | | | | | |
| 3DL1*0010101-003, 0050101-009, 01501-018, 020, 022-035, 038, 040-044, 051-054, 057, 059-068, 073 | | | | | | | | | | | | |
| 3DL1*00401-00403, 019, 021, 036, 037, 039, 056, 072 | | | | | | | | | | | | |
| 3DL2*0010101-062 | | | | | | | | | | | | |
| 3DL3*00101-055 | | | | | | | | | | | | |
| 3DS1*010-014, 045-049N, 050, 055, 058 | | | | | | | | | | | | |
| 2DP1*00101-010 | | | | | | | | | | | | |
| 3DP1*001-002 | | | | | | | | | | | | |
| 3DP1*0030101-0030402 | | | | | | | | | | | | |
| 3DP1*004, 005-010 | | | | | | | | | | | | |
| KIR allele ⁴ | | | | | | | | | | | | |
| Well No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

INTERPRETATION TABLE

KIR SSP Genotyping

Amplification patterns of the KIR alleles

| Well ⁵ | | | | | | | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------|---|
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | |
| 110 | 135 | 200 | 115 | 130 | 165 | 125 | 235 | 145 | 95 | 210 | Neg. control | Length of spec. PCR product |
| 1070 | 1070 | 1070 | 1070 | 1070 | 1070 | 1070 | 1070 | 1070 | 1070 | 1070 | | Length of int. pos. control ¹ |
| 142 | 136 | 110 | 156 | 133 | 29 | 25 | 2 nd I | 130 | 130 | 31 | | 5'-primer(s) ² |
| 5'-ACC ^{3'} | 5'-CAA ^{3'} | 5'-ggg ^{3'} | 5'-CCC ^{3'} | 5'-TCT ^{3'} | 5'-CAT ^{3'} | 5'-Tgg ^{3'} | 5'-gCC ^{3'} | 5'-gAA ^{3'} | 5'-gAA ^{3'} | 5'-TCA ^{3'} | | |
| | 208 | | | | | | | | | 31 | | |
| | 5'-CCA ^{3'} | | | | | | | | | 5'-TCA ^{3'} | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 165 | 166 | 164 | 181 | 163 | 71 | 54 | 54 | 165 | 165 | 86 | | 3'-primer(s) ³ |
| 5'-gTg ^{3'} | 5'-CAA ^{3'} | 5'-CAA ^{3'} | 5'-gTA ^{3'} | 5'-gga ^{3'} | 5'-TAC ^{3'} | 5'-TAC ^{3'} | 5'-TAC ^{3'} | 5'-gCC ^{3'} | 5'-gCT ^{3'} | 5'-CCA ^{3'} | | |
| | 238 | | | | | | | | | | | |
| | 5'-CCg ^{3'} | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. |
| | | | | | | | | | | | | KIR allele ⁴ |
| | | | | | | | | | | | | 2DL1*001-025 |
| | | | | | | | | | | | | 2DL2*0010101-010 |
| | | | | | | | | | | | | 2DL3*0010101-0010111, 00103-017 ⁶ |
| | | | | | | | | | | | | 2DL4*00101-022 |
| | | | | | | | | | | | | 2DL5A*0010101-00105, 0050101-05010104, 01201-01202, 014-015 |
| | | | | | | | | | | | | 2DL5B*0020101-004, 00601-011, 01301-01303, 016 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. |
| 110 | 135 | 200 | 115 | 130 | 165 | 125 | 235 | 145 | 95 | 210 | Length of spec. | |

| | | | | | | | | | | | | PCR product | |
|----|----|----|----|----|----|----|----|----|----|----|----|-------------------------|--|
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. | |
| | | | | | | | | 21 | | | | Neg. control | 2DS1*001 |
| | | | | | | | | | 22 | | | | 2DS1*0020101-008 |
| | | | | | | | | | | | | | 2DS2*0010101-008 |
| | | | | | | | | | | | | | 2DS3*00101-005 |
| | | | | | | | | | | | | | 2DS4*0010101-00104, 01101-01102, 014, 015 |
| | | | | | | | | | | | | | 2DS4*0030101-0030104, 0040101-0040102, 0060101-0060102, 007-010, 012, 013 |
| 13 | | | | | | | | | | | | | 2DS5*001-011 |
| | 14 | | | | | | | | | | | | 3DL1*0010101-003, 0050101-009, 01501-018, 020, 022-035, 038, 040-044, 051-054, 057, 059-068, 073 |
| | 14 | | | | | | | | | | 23 | | 3DL1*00401-00403, 019, 021, 036, 037, 039, 056, 072 |
| | | 15 | | | | | | | | | | | 3DL2*0010101-062 |
| | | | 16 | | | | | | | | | | 3DL3*00101-055 |
| | | | | 17 | | | | | | | | | 3DS1*010-014, 045-049N, 050, 055, 058 |
| | | | | | 18 | | | | | | | | 2DP1*00101-010 |
| | | | | | | 19 | | | | | | | 3DP1*001-002 |
| | | | | | | 19 | 20 | | | | | | 3DP1*0030101-0030402 |
| | | | | | | 19 | ? | | | | | 3DP1*004, 005-010 | |
| | | | | | | | | | | | | KIR allele ⁴ | |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Well No. | |