

| INTERPRETATION TABLE                       |                   |             |             |             |                   |             |             |
|--------------------------------------------|-------------------|-------------|-------------|-------------|-------------------|-------------|-------------|
| DPA1 SSP typing                            |                   |             |             |             |                   |             |             |
| Amplification patterns of the DPA1 alleles |                   |             |             |             |                   |             |             |
|                                            | Well <sup>5</sup> |             |             |             |                   |             |             |
|                                            | 1                 | 2           | 3           | 4           | 5                 | 6           | 7           |
| Length of spec.                            | 85                | 255         | 205         | 115         | 105               | 160         | 100         |
| PCR product(s)                             |                   |             |             |             |                   | 195         |             |
| Length of int.                             | 515               | 515         | 430         | 430         | 430               | 515         | 430         |
| pos. control <sup>1</sup>                  |                   |             |             |             |                   |             |             |
| 5'-primer(s) <sup>2</sup>                  | 15<br>(138)       | 11<br>(125) | 28<br>(177) | 3<br>(103)  | 84<br>(345)       | 31<br>(185) | 11<br>(125) |
|                                            | 5'-ACg 3'         | 5'-CgC 3'   | 5'-gAA 3'   | 5'-Cgg 3'   | 5'-AAT 3'         | 5'-gCA 3'   | 5'-CgC 3'   |
|                                            |                   |             |             |             |                   | 43<br>(222) |             |
|                                            |                   |             |             |             |                   | 5'-TgT 3'   |             |
| 3'-primer(s) <sup>3</sup>                  | 30<br>(184)       | 82<br>(340) | 82<br>(340) | 28<br>(177) | 2 <sup>nd</sup> I | 68<br>(298) | 30<br>(184) |
|                                            | 5'-CAT 3'         | 5'-ggT 3'   | 5'-ggT 3'   | 5'-TCg 3'   | 5'-ggC 3'         | 5'-gTC 3'   | 5'-CTg 3'   |
|                                            |                   |             |             |             |                   | 82<br>(340) |             |
|                                            |                   |             |             |             |                   | 5'-ggT 3'   |             |
| Well No.                                   | 1                 | 2           | 3           | 4           | 5                 | 6           | 7           |
| DPA1 allele <sup>4</sup>                   |                   |             |             |             |                   |             |             |
| *01:03:01-01:03:02, 01:03:04               | 1                 | 2           | 3           |             |                   |             |             |
| *01:03:03                                  |                   | 2           | 3           |             |                   |             |             |
| *01:04                                     | 1                 | 2           |             | 4           |                   |             |             |
| *01:05                                     | 1                 |             |             |             | 5                 |             |             |
| *01:06:01-01:06:02                         |                   | 2           | 3           |             |                   | 6           | 7           |
| *01:07                                     | 1                 | 2           | 3           |             |                   |             |             |
| *01:08                                     | 1                 | 2           |             | 4           |                   |             |             |
| *01:09                                     | 1                 | 2           | 3           |             |                   |             |             |
| *01:10                                     | 1                 | 2           | 3           |             |                   | 6           |             |
| *01:11                                     | 1                 | 2           | 3           |             |                   |             |             |
| *01:12                                     | 1                 | 2           | 3           |             |                   |             |             |
| *02:01:01-02:01:07                         |                   |             |             |             | 5                 |             | 7           |
| *02:02:01-02:02:05                         |                   |             |             |             | 5                 |             |             |
| *02:03                                     |                   |             |             |             | 5                 |             |             |
| *02:04                                     |                   |             |             |             | 5                 | 6           |             |
| *02:05                                     |                   |             |             |             | 5                 |             |             |
| *03:01                                     |                   |             | 3           |             |                   |             |             |
| *03:02                                     |                   |             | 3           |             |                   |             |             |
| *03:03                                     |                   |             |             | 4           |                   |             |             |
| *04:01                                     | 1                 |             |             |             | 5                 |             |             |
| DPA1 allele <sup>4</sup>                   |                   |             |             |             |                   |             |             |
| Well No.                                   | 1                 | 2           | 3           | 4           | 5                 | 6           | 7           |

|                           |                                        |                           |                           |                           |                           |                           |                           |                           |
|---------------------------|----------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
|                           | <b>INTERPRETATION T</b>                |                           |                           |                           |                           |                           |                           |                           |
|                           | <b>DPA1 SSP typing</b>                 |                           |                           |                           |                           |                           |                           |                           |
|                           | <b>Amplification patterns of the D</b> |                           |                           |                           |                           |                           |                           |                           |
|                           | <b>Well<sup>5</sup></b>                |                           |                           |                           |                           |                           |                           |                           |
| <b>8</b>                  | <b>9</b>                               | <b>10</b>                 | <b>11</b>                 | <b>12</b>                 | <b>13</b>                 | <b>14</b>                 | <b>15</b>                 | <b>16</b>                 |
| <b>100</b>                | <b>205</b>                             | <b>85</b>                 | <b>90</b>                 | <b>205</b>                | <b>135</b>                | <b>130</b>                | <b>245</b>                | <b>100</b>                |
|                           |                                        |                           |                           |                           |                           |                           |                           |                           |
| <b>430</b>                | <b>430</b>                             | <b>515</b>                | <b>515</b>                | <b>430</b>                | <b>430</b>                | <b>515</b>                | <b>430</b>                | <b>430</b>                |
|                           |                                        |                           |                           |                           |                           |                           |                           |                           |
| <b>11</b><br><b>(125)</b> | <b>11</b><br><b>(125)</b>              | <b>15</b><br><b>(138)</b> | <b>66</b><br><b>(290)</b> | <b>17</b><br><b>(145)</b> | <b>50</b><br><b>(244)</b> | <b>50</b><br><b>(242)</b> | <b>15</b><br><b>(138)</b> | <b>3</b><br><b>(103)</b>  |
| 5'-CAT 3'                 | 5'-CAT 3'                              | 5'-ACC 3'                 | 5'-ATC 3'                 | 5'-gAA 3'                 | 5'-AAA 3'                 | 5'-CCg 3'                 | 5'-ACC 3'                 | 5'-Cgg 3'                 |
|                           |                                        |                           |                           |                           |                           |                           |                           |                           |
|                           |                                        |                           |                           |                           |                           |                           |                           |                           |
| <b>30</b><br><b>(184)</b> | <b>66</b><br><b>(290)</b>              | <b>30</b><br><b>(184)</b> | <b>82</b><br><b>(340)</b> | <b>72</b><br><b>(310)</b> | <b>82</b><br><b>(340)</b> | <b>76</b><br><b>(320)</b> | <b>82</b><br><b>(340)</b> | <b>23</b><br><b>(161)</b> |
| 5'-CTg 3'                 | 5'-TCA 3'                              | 5'-CAT 3'                 | 5'-ggT 3'                 | 5'-AgC 3'                 | 5'-ggT 3'                 | 5'-AAT 3'                 | 5'-ggT 3'                 | 5'-ACg 3'                 |
|                           |                                        |                           |                           |                           |                           | <b>82</b><br><b>(340)</b> |                           |                           |
|                           |                                        |                           |                           |                           |                           | 5'-ggT 3'                 |                           |                           |
| <b>8</b>                  | <b>9</b>                               | <b>10</b>                 | <b>11</b>                 | <b>12</b>                 | <b>13</b>                 | <b>14</b>                 | <b>15</b>                 | <b>16</b>                 |
|                           |                                        |                           |                           |                           |                           |                           |                           |                           |
|                           |                                        | <b>10</b>                 |                           |                           |                           |                           | <b>15</b>                 |                           |
|                           |                                        |                           |                           |                           |                           |                           |                           |                           |
|                           |                                        |                           |                           |                           |                           |                           |                           |                           |
|                           |                                        |                           |                           |                           | <b>13</b>                 |                           |                           |                           |
|                           |                                        |                           |                           |                           |                           | <b>14</b>                 |                           |                           |
|                           |                                        |                           |                           |                           |                           |                           |                           | <b>16</b>                 |
|                           |                                        |                           |                           |                           |                           | <b>14</b>                 |                           |                           |
|                           |                                        |                           | <b>11</b>                 |                           |                           |                           |                           |                           |
|                           |                                        |                           |                           |                           |                           |                           |                           |                           |
| <b>8</b>                  | <b>9</b>                               |                           |                           |                           |                           |                           |                           |                           |
|                           |                                        | <b>10</b>                 |                           |                           |                           |                           |                           |                           |
| <b>8</b>                  | <b>9</b>                               |                           |                           |                           |                           |                           |                           |                           |
| <b>8</b>                  | <b>9</b>                               |                           |                           |                           |                           | <b>14</b>                 |                           |                           |
|                           |                                        | <b>10</b>                 | <b>11</b>                 |                           |                           |                           | <b>15</b>                 |                           |
|                           | <b>9</b>                               | <b>10</b>                 |                           |                           |                           |                           | <b>15</b>                 |                           |
|                           |                                        | <b>10</b>                 | <b>11</b>                 |                           |                           |                           | <b>15</b>                 |                           |
|                           |                                        |                           |                           | <b>12</b>                 |                           |                           |                           |                           |
|                           |                                        |                           |                           |                           |                           |                           |                           |                           |
| <b>8</b>                  | <b>9</b>                               | <b>10</b>                 | <b>11</b>                 | <b>12</b>                 | <b>13</b>                 | <b>14</b>                 | <b>15</b>                 | <b>16</b>                 |

|                                        |
|----------------------------------------|
| <b>ABLE</b>                            |
|                                        |
| <b>PA1 alleles</b>                     |
|                                        |
|                                        |
| <b>Length of spec.</b>                 |
| <b>PCR product(s)</b>                  |
| <b>Length of int.</b>                  |
| <b>pos. control<sup>1</sup></b>        |
| <b>5'-primer(s)<sup>2</sup></b>        |
|                                        |
|                                        |
|                                        |
| <b>3'-primer(s)<sup>3</sup></b>        |
|                                        |
|                                        |
|                                        |
| <b>Well No.</b>                        |
| <b>DPA1 allele<sup>4</sup></b>         |
| <b>*01:03:01:01-01:03:02, 01:03:04</b> |
| <b>*01:03:03</b>                       |
| <b>*01:04</b>                          |
| <b>*01:05</b>                          |
| <b>*01:06:01-01:06:02</b>              |
| <b>*01:07</b>                          |
| <b>*01:08</b>                          |
| <b>*01:09</b>                          |
| <b>*01:10</b>                          |
| <b>*01:11</b>                          |
| <b>*01:12</b>                          |
| <b>*02:01:01-02:01:07</b>              |
| <b>*02:02:01-02:02:05</b>              |
| <b>*02:03</b>                          |
| <b>*02:04</b>                          |
| <b>*02:05</b>                          |
| <b>*03:01</b>                          |
| <b>*03:02</b>                          |
| <b>*03:03</b>                          |
| <b>*04:01</b>                          |
| <b>DPA1 allele<sup>4</sup></b>         |
| <b>Well No.</b>                        |