<table>
<thead>
<tr>
<th>Traditional Phenotype</th>
<th>ISBT Phenotype and/or Traditional Phenotype</th>
<th>ISBT Genotype</th>
<th>Nucleotide change</th>
<th>Intron/Exon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rhesus C/c and Rhesus C variant</td>
<td>RH:4 or Rhc vs. RHCE<em>02 or RHD</em>01 or RHDC</td>
<td>RHCE*01 or *03 vs. RHCE *02 or *04</td>
<td>201A&gt;G</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>RH:4 or Rhc vs. RHCE<em>02 or RHD</em>01 or RHDC</td>
<td>RHCE*01 or *03 vs. RHCE *02 or *04</td>
<td>307C&gt;T</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>RH:4 or c vs. RH:2 or C</td>
<td>RHCE*01 or *03 vs. RHCE *02 or *04</td>
<td>i2- (del) &gt; T (109bp ins)</td>
<td>intron 2</td>
</tr>
<tr>
<td></td>
<td>Partial C or RH:8 (CW+) or RH:81(MAR–) or RHcW</td>
<td>RHCE<em>02.08.01 or RHCE</em>Ce.08.01 or RHCE*CeCW</td>
<td>122A&gt;G</td>
<td>1</td>
</tr>
<tr>
<td>Rhesus E/e</td>
<td>RH:3 or RHE vs. RH:5 or RHe</td>
<td>RHCE*01 or *02 vs. RHCE *03 or *04</td>
<td>676C&gt;G</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>RH:3 or RHE vs. RH:5 or RHD*01 or RHDe</td>
<td>RHCE*01 or *02 vs. RHCE *03 or *04</td>
<td>676C&gt;G</td>
<td>5</td>
</tr>
<tr>
<td>Rhesus D/d exon screening</td>
<td>RHCE vs. RHD promoter or D– vs. D or RH:1</td>
<td>RHD<em>01N.01 vs. RHD</em>01</td>
<td>p-132G&gt;A</td>
<td>promoter</td>
</tr>
<tr>
<td></td>
<td>RHCE vs. RHD intron 1 or D– vs. DD– vs. D or RH:1</td>
<td>RHD<em>01N.01 vs. RHD</em>01</td>
<td>i1+18C&gt;A</td>
<td>intron 1</td>
</tr>
<tr>
<td></td>
<td>RHCE vs. RHD exon 3 or D– vs. DD– vs. D or RH:1</td>
<td>RHD<em>01N.01 vs. RHD</em>01</td>
<td>455C&gt;A</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>RHCE vs. RHD exon 4 or D– vs. DD– vs. D or RH:1</td>
<td>RHD<em>01N.01 vs. RHD</em>01</td>
<td>514T&gt;A</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>RHCE vs. RHD exon 5 or D– vs. DD– vs. D or RH:1</td>
<td>RHD<em>01N.01 vs. RHD</em>01</td>
<td>787A&gt;G</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>RHCE vs. RHD exon 6 or 1. D– vs. DD– vs. D or RH:1</td>
<td>1. RHD<em>01N.01 vs. RHD</em>01</td>
<td>916A&gt;G</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>2. RHD weak type 66</td>
<td>2. RHD*01W.66</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>RHCE vs. RHD exon 7 or D– vs. D or RH:1</td>
<td>RHD<em>01N.01 vs. RHD</em>01</td>
<td>968A&gt;C</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>RHCE vs. RHD exon 7 or D– vs. DD– vs. D or RH:1</td>
<td>RHD<em>01N.01 vs. RHD</em>01</td>
<td>1048C&gt;G</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>RHCE vs. RHD intron 7 or D– vs. DD– vs. D or RH:1</td>
<td>RHD<em>01N.01 vs. RHD</em>01</td>
<td>i7-327A&gt;G</td>
<td>intron 7</td>
</tr>
<tr>
<td></td>
<td>RHCE vs. RHD exon 9 or D– vs. DD– vs. D or RH:1</td>
<td>RHD<em>01N.01 vs. RHD</em>01</td>
<td>1170C&gt;T</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>RHCE vs. RHD exon 9 or 1. D– vs. DD– vs. D or RH:1</td>
<td>1. RHD<em>01N.01 vs. RHD</em>01</td>
<td>1193T&gt;A</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>2. RHD weak type 41</td>
<td>2. RHD*01W.41</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>RHCE vs. RHD exon 10 or D– vs. D or RH:1</td>
<td>RHD<em>01N.01 vs. RHD</em>01</td>
<td>1359T&gt;A</td>
<td>10</td>
</tr>
<tr>
<td>Blood Group System</td>
<td>Traditional Phenotype</td>
<td>ISBT Phenotype and/or Traditional Phenotype</td>
<td>ISBT Genotype</td>
<td>Nucleotide change</td>
</tr>
<tr>
<td>-------------------</td>
<td>----------------------</td>
<td>--------------------------------------------</td>
<td>---------------</td>
<td>------------------</td>
</tr>
<tr>
<td>Rhesus (004 RH)</td>
<td>D− hybrid</td>
<td>RHD*CE(1-9)-D</td>
<td>RHD*01N.02</td>
<td>CE exon 1-9</td>
</tr>
<tr>
<td></td>
<td>D− hybrid</td>
<td>RHD<em>CE(2-9)-D or RHD</em>CE(3-9)-D</td>
<td>RHD*01N.03</td>
<td>CE exon 2-9 or RHD*01N.04</td>
</tr>
<tr>
<td></td>
<td>D− hybrid</td>
<td>RHD<em>CE(2-7)-D or RHD</em>CE(3-7)-D</td>
<td>RHD*01N.05</td>
<td>CE exon 2-7 or RHD*01N.06</td>
</tr>
<tr>
<td></td>
<td>G+ hybrid</td>
<td>RHD*CE(4-7)-D</td>
<td>RHD*01N.07</td>
<td>CE exon 4-7</td>
</tr>
<tr>
<td></td>
<td>CE exon 3</td>
<td>RHD*D-CE(3)-D</td>
<td>RHD*03.03</td>
<td>RHD* DIIIc @ RHCE*455C</td>
</tr>
<tr>
<td></td>
<td>DVI type 4</td>
<td>RHD*D-CE(3-5)-D</td>
<td>RHD*06.04</td>
<td>RHD* DVI.4 @ RHCE*455C,514T,787A</td>
</tr>
<tr>
<td></td>
<td>DVI type 3</td>
<td>RHD*D-CE(3-6)-D</td>
<td>RHD*06.03</td>
<td>RHD* DVI.3 @ RHCE*455C,514T,787A</td>
</tr>
<tr>
<td></td>
<td>DFR</td>
<td>RHD*D-CE(4)-D</td>
<td>RHD*17</td>
<td>RHD* DFR @ RHCE*514T</td>
</tr>
<tr>
<td></td>
<td>DVI type 1</td>
<td>RHD*D-CE(4-5)-D</td>
<td>RHD*06.01</td>
<td>RHD* DVI.1 @ RHCE*514T,787A</td>
</tr>
<tr>
<td></td>
<td>DVI type 2</td>
<td>RHD*D-CE(4-6)-D</td>
<td>RHD*06.02</td>
<td>RHD* DVI.2 @ RHCE*514T,787A</td>
</tr>
<tr>
<td></td>
<td>DV type 2</td>
<td>RHD*D-CE(5)-D</td>
<td>RHD*05.02</td>
<td>RHD* DV.2 @ RHCE*787A</td>
</tr>
<tr>
<td></td>
<td>DBT</td>
<td>RHD*D-CE(5-9)-D</td>
<td>RHD*14</td>
<td>RHD* DBT @ RHCE*787,916,968,1048,i7-327,1170,1192</td>
</tr>
<tr>
<td></td>
<td>DV type 3</td>
<td>RHD*D-CE(6-9)-D</td>
<td>RHD*04.03</td>
<td>RHD* DIV.3 @ RHCE*916,968,1048,i7-327,1170,1193</td>
</tr>
<tr>
<td></td>
<td>DIV type 4</td>
<td>RHD*D-CE(7)-D</td>
<td>RHD*04.04</td>
<td>RHD* DIV.4 @ RHCE*1048</td>
</tr>
<tr>
<td></td>
<td>DIV type 5</td>
<td>RHD*D-CE(7-9)-D</td>
<td>RHD*04.05</td>
<td>RHD* DIV.5 @ RHCE*968,1048,i7-327,1170,1193</td>
</tr>
<tr>
<td></td>
<td>RHD*DIVb</td>
<td>RHD*D-CE(1048C,8-9)-D</td>
<td>RHD*04.06</td>
<td>RHD* DIVb@RHCE*968,1048,i7-327,1170,1193</td>
</tr>
<tr>
<td></td>
<td>hybrid D/CE(1) &amp; D(2, 3) &amp; CE(4-10)</td>
<td>RHE*D(1-3)-CE</td>
<td>RHE*03.02</td>
<td>RHE*ce.D.02</td>
</tr>
<tr>
<td></td>
<td>partial E</td>
<td>E type II</td>
<td>RHCE*ceEK</td>
<td></td>
</tr>
<tr>
<td></td>
<td>RHCE*ce-D(4-9)-ce</td>
<td>RHCE*01.29</td>
<td>RHCE*ceBOL</td>
<td>RHD exon (4-9&gt;@ 307C,514,676G,787,916,968,1048,i7-327,1170,1193</td>
</tr>
<tr>
<td></td>
<td>RHCE*Ce-D(4)-ce</td>
<td>RHCE*02.10.01</td>
<td>RHCE*ce.10.01</td>
<td>307T,514A,676G</td>
</tr>
<tr>
<td></td>
<td>RHCE*Ce-D(4)-ce + 455A</td>
<td>RHCE*02.10.02</td>
<td>RHCE*Ce.10.02</td>
<td>307T,455A,514A,676G</td>
</tr>
<tr>
<td></td>
<td>Partial C</td>
<td>RHCE*CE-D(5)-CE</td>
<td>RHCE*02.04</td>
<td>RHCE*CE.04</td>
</tr>
<tr>
<td></td>
<td>RHCE*Ce-D(5)-ce</td>
<td>RHCE*01.22</td>
<td>RHCE*ce.22</td>
<td>307C,676G,787G</td>
</tr>
<tr>
<td></td>
<td>RH:8 (Cw+) Hybrid</td>
<td>RHD exon 6-10</td>
<td>RHCE* Ce-D(6-10)</td>
<td>RHD*02.08.02</td>
</tr>
<tr>
<td>Traditional Phenotype</td>
<td>ISBT Phenotype and/or Traditional Phenotype</td>
<td>ISBT Genotype</td>
<td>Nucleotide change</td>
<td>Intron/Exon</td>
</tr>
<tr>
<td>----------------------</td>
<td>--------------------------------------------</td>
<td>---------------</td>
<td>------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Del or RHD(delA147)</td>
<td>RHD*DEL4</td>
<td>147A&gt;G</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Del or RHD(IVS3+1G&gt;A)el</td>
<td>RHD<em>DEL8 or RHD</em>208</td>
<td>IVS3+1G&gt;A</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Del or D negative or RHD(IVS3+2T&gt;A)null</td>
<td>RHD<em>DEL9 or RHD</em>209</td>
<td>IVS3+2T&gt;A</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Del or RHD(X418L)el</td>
<td>RHD*DEL11</td>
<td>1253G&gt;A</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>D– or RHD(W16X)</td>
<td>RHD*01N.08</td>
<td>48G&gt;A</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>D– or RHD(Y401X)</td>
<td>RHD*01N.22</td>
<td>1203T&gt;A</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>D– or RHD psi, IVS3-19 dupl 37</td>
<td>RHD*04N.01</td>
<td>487A&gt;T</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>D– or RHDpsi</td>
<td>RHD*04N.01</td>
<td>654G&gt;C</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>D– C+ very weak or Dces, type 1 &amp; 2 at RHDCE*1006T</td>
<td>RHD<em>01N.06 var or RHD</em>CE(3–7)–D +1006T</td>
<td>1006G&gt;T</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>D– C+ weak or RHD cat IIIsub or Dces type 1</td>
<td>RHD<em>03N.01 or RHD</em>DiIIa–CE(3–7)–D</td>
<td>186G&gt;T</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>1. D+ cat</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. D– C+ weak or RHD cat III type 4-8 or Dces type 1</td>
<td>1. RHD<em>03.04-08 or 2. RHD</em>03N.01 var</td>
<td>410C&gt;T</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>DiII type 4 or RHD cat DiII type 4</td>
<td>RHD<em>03.04 or RHD</em>DiII.a.4</td>
<td>186G&gt;T</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>410C&gt;T</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>455C</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>DIVa or RHD cat DIVa</td>
<td>RHD<em>04.01 or RHD</em>DIVa.1</td>
<td>186G&gt;T</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>455C</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1048C</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>DIVa type 2 or RHD cat DIVa type 2</td>
<td>RHD<em>04.02 or RHD</em>DIVa.2</td>
<td>186G&gt;T</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>410C&gt;T</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>455C</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1048C</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>D– (CE) or RHD-CE(2-9)–D+203C</td>
<td>RHD*01N.03 var or RHD-CE(2-9)–D+203C</td>
<td>203G&gt;C</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>D– (CE) or RHD-CE(2-9)–D-2+268A</td>
<td>RHD*01N.03 var or RHD-CE(2-9)–D-2+268A</td>
<td>2+268G&gt;A</td>
<td>intron 2</td>
<td></td>
</tr>
</tbody>
</table>