| Amazonas                    |                 | 2011  | 2012  | 2013                    | 2014                     | 2015   | 2016   | 2017  | 2018                             | Total |
|-----------------------------|-----------------|-------|-------|-------------------------|--------------------------|--|--|---|----------------------------------|-------|
| São Gabriel<br>da Cachoeira | n of samples    | 0     | 0     | 0                       | 5                        | 1  | 4  | 4   | 1                                | 15    |
|                             | n of haplotypes | 0     | 0     | 0                       | 5                        | 1  | 2  | 4   | 1                                | 14    |
|                             | haplotype types |       |       |                         | DB03,DB20,<br>DB40, B41, |  | DB06 (3 samples)   | DB08, DB20,   |                                  |       |
|                             |                 | 0     | 0     | 0                       | DB40, B41,<br>DB58       | DB29   | DB08 (1 sample)  | DB21, B72   | DB09                             | 0     |
|                             | Sal 1 Type      | 0     | 0     | 0                       | 0                        | 0  | 0  | 0   | 0                                | 0     |
| AF                          |                 | 2011  | 2012  | 2013                    | 2014                     | 2015   | 2016   | 2017  | 2018                             | Total |
|                             | n of samples    | 3     | 3     | 5                       | 0                        | 28   | 14   | 19  | 7                                | 79    |
|                             | n of haplotypes | 3     | 2     | 5                       | 0                        | 14   | 10   | 12  | 5                                | 51    |
|                             | haplotype types | DB12, | DB12, | DB01,<br>DB11,<br>DB18, |                          | DB01, DB03,<br>DB07, DB11,<br>DB17, DB24,<br>DB27, DB34,<br>DB43, DB44,<br>DB45, DB50, | DB01, DB03,<br>DB07, DB17,<br>DB24, DB25,<br>DB38, DB46, | DB01, DB03,<br>DB07, DB08,<br>DB21, DB26,<br>DB33, DB35,<br>DB36, DB39, | DB01,<br>DB04,<br>DB16,<br>DB18, |       |
|                             |                 | DB55  | DB23  | DB23, DB53              |                          | DB60, DB86   | DB52, DB59   | DB47, DB61  | DB80                             |       |
|                             | Sal 1 Type      | 1     | 0     | 0                       | 0                        | 0  | 0  | 0   | 0                                | 1     |

PvDBP-II-gene haplotypes in Sao Gabriel da Cachoeira (BA) and in Rio de Janeiro (AF).

Haplotype in black bold appear in more than one sample at the same year