

# Supplementary Information

**Table S1.** SIV analysis results and consensus genetic profile of chimpanzees collected in MA, ML, IY and OD.

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| MA-ID-001             | Gab-0904 | +                              | +          | –           | 07/04/11 | F   | 150/162 | 225/229 | 179/183 | 274/298 | 235/247 | 318/322 | 215/235 |
| MA-ID-002             | Gab-0908 | +                              | +          | +           | 12/04/11 | M   | 162/178 | 225/237 | 183/187 | 290/302 | 235/243 | 306/322 | 231/235 |
|                       | Gab-0950 | +                              | +          | +           | 13/04/11 |     | 162/178 | 225/237 | - / -   | - / -   | 235/243 | - / -   | 231/235 |
| MA-ID-003             | Gab-0917 | +                              | –          | +           | 14/04/11 | F   | 150/170 | 197/225 | 183/195 | 278/294 | 247/255 | - / -   | 211/227 |
| MA-ID-004             | Gab-0928 | -                              | +          | +           | 08/04/11 | F   | 154/170 | 225/229 | 175/179 | 286/298 | 231/235 | 314/322 | 211/223 |
| MA-ID-005             | Gab-0938 | +                              | +          | +           | 11/04/11 | F   | 154/174 | 225/229 | 179/179 | 302/310 | 235/255 | 306/318 | 211/243 |
| MA-ID-006             | Gab-0942 | +                              | +          | +           | 11/04/11 | M   | 158/166 | 225/229 | 183/183 | 274/298 | 243/255 | 306/310 | 215/215 |
| MA-ID-007             | Gab-0944 | +                              | +          | +           | 11/04/11 | M   | 138/162 | 221/225 | 167/187 | 274/302 | 227/231 | 310/322 | - / -   |
| MA-ID-008             | Gab-0945 | +                              | +          | –           | 14/04/11 | M   | 162/166 | 225/237 | 175/183 | 282/298 | 231/247 | 306/314 | 191/219 |
| MA-ID-009             | Gab-0947 | +                              | +          | –           | 14/04/11 | M   | 150/170 | 225/229 | 167/183 | 302/306 | 227/243 | 306/322 | 211/219 |
| MA-ID-010             | Gab-0902 | -                              | –          | –           | 07/04/11 | F   | 170/182 | 225/229 | 179/183 | 302/302 | 231/235 | 306/306 | 211/223 |
|                       | Gab-1001 | +                              | +          | –           | 17/05/11 |     | 170/182 | 225/229 | 179/183 | 302/302 | 231/235 | 306/306 | 211/223 |
| MA-ID-011             | Gab-1017 | +                              | –          | +           | 20/05/11 | F   | 166/170 | 225/245 | 179/187 | 274/294 | 227/251 | 318/322 | 191/223 |
| MA-ID-012             | Gab-1023 | +                              | +          | +           | 20/05/11 | F   | 146/170 | 225/245 | 167/167 | 294/302 | 231/255 | 306/330 | 219/227 |
| MA-ID-013             | Gab-0913 | +                              | –          | –           | 13/04/11 | M   | 150/182 | 225/245 | 179/183 | 294/298 | 235/235 | 310/322 | 211/235 |
| MA-ID-014             | Gab-0962 | +                              | –          | –           | 07/04/11 | F   | 150/174 | 229/245 | 179/183 | 290/290 | 235/247 | 302/322 | 231/243 |
|                       | Gab-0963 | +                              | –          | –           | 07/04/11 |     | 150/174 | 229/245 | 179/183 | 290/290 | 235/247 | 302/322 | 231/243 |
|                       | Gab-0964 | +                              | –          | –           | 07/04/11 |     | 150/174 | 229/245 | 179/183 | 290/290 | 235/247 | 302/322 | 231/243 |
|                       | Gab-0965 | +                              | –          | –           | 07/04/11 |     | 150/174 | 229/245 | 179/183 | 290/290 | 235/247 | 302/322 | 231/243 |
| MA-ID-015             | Gab-0995 | +                              | –          | –           | 04/05/11 | F   | 150/178 | 201/253 | 167/179 | 250/274 | 183/219 | 230/234 | 203/219 |
| MA-ID-016             | Gab-1000 | +                              | –          | –           | 17/05/11 | M   | 134/178 | 217/245 | 171/179 | 242/298 | 223/231 | 306/314 | 219/227 |
|                       | Gab-1004 | +                              | –          | –           | 17/05/11 |     | 134/178 | 217/245 | 171/179 | 242/298 | 223/231 | 306/314 | 219/227 |
|                       | Gab-1006 | +                              | –          | –           | 17/05/11 |     | 134/178 | 217/245 | 171/179 | 242/298 | 223/231 | 306/314 | 219/227 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| MA-ID-017             | Gab-1003 | +                              | –          | –           | 17/05/11 | M   | 134/154 | 189/197 | 167/183 | 278/294 | 223/231 | 306/314 | 211/235 |
| MA-ID-018             | Gab-1005 | +                              | –          | –           | 17/05/11 | M   | 170/190 | 221/257 | 179/183 | 250/290 | 231/235 | - / -   | - / -   |
| MA-ID-019             | Gab-1013 | +                              | –          | –           | 20/05/11 | M   | 166/178 | 225/253 | 179/187 | 250/302 | 227/235 | 306/306 | 211/219 |
| MA-ID-020             | Gab-1031 | +                              | –          | –           | 07/06/11 | M   | 146/170 | 217/229 | 171/183 | 302/306 | 223/243 | 306/314 | 219/227 |
| MA-ID-021             | Gab-0907 | +                              | –          | –           | 11/04/11 | M   | 154/158 | 205/237 | 175/179 | 286/294 | 231/231 | 306     | 227/231 |
| MA-ID-022             | Gab-0910 | +                              | –          | –           | 13/04/11 | F   | 134/174 | 221/221 | 179/187 | 286/298 | 227/231 | 310/326 | 219/219 |
| MA-ID-023             | Gab-0949 | +                              | –          | –           | 14/04/11 | M   | 146/170 | 221/245 | 179/179 | 294/298 | 231/235 | 314/318 | 219/223 |
|                       | Gab-1500 | +                              | –          | –           | 08/03/12 |     | 146/170 | 221/245 | 179/179 | 294/298 | 231/235 | 314/318 | 219/223 |
| MA-ID-024             | Gab-0957 | –                              | –          | –           | 14/04/11 | M   | 154/166 | 225/225 | 163/167 | 290/290 | 235/247 | 314/322 | 231/231 |
|                       | Gab-0959 | +                              | –          | –           | 14/04/11 |     | 154/166 | 225/225 | 167/167 | - / -   | 235/247 | 314/322 | 231/231 |
| MA-ID-025             | Gab-0977 | +                              | –          | –           | 02/05/11 | F   | 170/186 | 233/233 | 179/183 | 274/298 | 247/255 | 314/322 | 227/243 |
|                       | Gab-0978 | +                              | –          | –           | 02/05/11 |     | 170/186 | 233/233 | 179/183 | 274/298 | 247/255 | 314/322 | 227/243 |
|                       | Gab-0981 | –                              | –          | –           | 02/05/11 |     | 170/186 | 233/233 | 179/183 | 274/298 | 247/255 | 314/322 | 227/243 |
| MA-ID-026             | Gab-0997 | +                              | –          | –           | 17/05/11 | F   | 150/162 | 193/229 | 175/183 | 298/314 | 227/231 | 306/306 | 227/235 |
| MA-ID-027             | Gab-0999 | +                              | –          | –           | 17/05/11 | M   | 158/170 | 233/241 | 179/183 | 294/298 | 231/235 | 302/318 | 211/211 |
|                       | Gab-1019 | +                              | –          | –           | 20/05/11 |     | 158/170 | 233/241 | 179/183 | 294/298 | 231/235 | 302/318 | 211/211 |
| MA-ID-028             | Gab-1012 | +                              | –          | –           | 20/05/11 | M   | 138/170 | 193/229 | 179/183 | 290/302 | 227/235 | 318/322 | 235/235 |
|                       | Gab-2092 | –                              | /          | /           | 08/07/12 |     | 138/170 | 193/229 | 179/183 | 290/302 | 227/235 | 318/322 | 235/235 |
| MA-ID-029             | Gab-1014 | +                              | –          | –           | 20/05/11 | M   | 158/170 | - / -   | 167/183 | 294/302 | 231/255 | 306/318 | 211/227 |
| MA-ID-030             | Gab-1015 | +                              | –          | –           | 20/05/11 | M   | 166/190 | 225/245 | 179/183 | 298/302 | 223/231 | 310/314 | 211/223 |
| MA-ID-031             | Gab-1020 | +                              | -          | -           | 20/05/11 | M   | 134/170 | 217/229 | 171/179 | 274/298 | 223/231 | - / -   | 219/227 |
| MA-ID-032             | Gab-1021 | +                              | -          | -           | 20/05/11 | F   | 146/158 | - /229  | 183/239 | 290/302 | 231/255 | 302/322 | 239/243 |
|                       | Gab-1027 | +                              | -          | -           | 20/05/11 |     | 146/158 | - /229  | 183/239 | 290/302 | 231/255 | 302/322 | 239/243 |
|                       | Gab-2457 | +                              | /          | /           | 08/05/13 |     | - / -   | - / -   | 183/ -  | 290/ -  | 231/255 | 302/322 | 239/243 |
|                       | Gab-2532 | +                              | /          | /           | 11/05/13 |     | 146/158 | 201/229 | 183/239 | 290/302 | 231/255 | 302/322 | 239/243 |
|                       | Gab-2535 | +                              | /          | /           | 11/05/13 |     | 146/158 | 201/229 | 183/239 | 290/302 | 231/255 | 302/322 | 239/243 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| MA-ID-033             | Gab-1025 | +                              | –          | –           | 20/05/11 | F   | 170/194 | 225/277 | 179/179 | 250/286 | 235/243 | 318/322 | 219/219 |
| MA-ID-034             | Gab-1033 | –                              | +          | +           | 07/06/11 | M   | 142/150 | 217/233 | 179/179 | 290/298 | 219/235 | 302/306 | 231/239 |
| MA-ID-035             | Gab-1220 | +                              | +          | –           | 28/10/11 | M   | 166/166 | 221/229 | 175/179 | 274/294 | 227/243 | 310/330 | 231/243 |
|                       | Gab-1221 | +                              | –          | –           | 28/10/11 |     | 166/–   | 221/–   | 175/179 | 274/294 | 227/243 | 310/330 | 231/243 |
|                       | Gab-1222 | +                              | –          | –           | 28/10/11 |     | 166/166 | 221/229 | 175/179 | 274/294 | 227/243 | 310/330 | 231/243 |
| MA-ID-036             | Gab-1227 | +                              | +          | +           | 31/10/11 | F   | 134/166 | 225/233 | 167/183 | 290/306 | 231/235 | 306/322 | 231/–   |
|                       | Gab-1228 | +                              | +          | +           | 31/10/11 |     | 134/166 | 225/233 | 167/183 | 290/306 | 231/235 | 306/322 | 231/239 |
|                       | Gab-1229 | +                              | +          | +           | 31/10/11 |     | 134/166 | 225/233 | 167/183 | –/–     | 231/235 | –/322   | –/–     |
|                       | Gab-1230 | +                              | +          | +           | 31/10/11 |     | 134/166 | 225/233 | 167/183 | 290/306 | 231/235 | 306/322 | 231/239 |
|                       | Gab-1510 | +                              | –          | –           | 11/03/12 |     | 134/166 | 225/233 | 167/183 | 290/306 | 231/235 | 306/322 | 231/239 |
|                       | Gab-1513 | +                              | –          | –           | 11/03/12 |     | 134/166 | 225/233 | 167/183 | 290/306 | –/235   | 306/322 | 231/239 |
|                       | Gab-1515 | –                              | /          | /           | 11/03/12 |     | 134/166 | 225/233 | 167/183 | 290/–   | –/–     | 306/–   | –/–     |
|                       | Gab-1517 | +                              | –          | –           | 11/03/12 |     | 134/166 | 225/233 | 167/183 | 290/306 | 231/235 | 306/322 | 231/239 |
|                       | Gab-1518 | +                              | –          | –           | 11/03/12 |     | 134/166 | 225/233 | 167/183 | 290/306 | 231/235 | 306/322 | 231/239 |
| MA-ID-037             | Gab-1184 | +                              | –          | –           | 24/10/11 | M   | 138/138 | 229/245 | 167/179 | 298/302 | 235/247 | 306/310 | 215/227 |
|                       | Gab-1185 | +                              | –          | –           | 24/10/11 |     | 138/138 | 229/245 | 167     | 298/302 | 235/247 | 306/310 | 215/227 |
|                       | Gab-1232 | +                              | –          | –           | 09/11/11 |     | 138/138 | 229/245 | 167     | 298/302 | 235/247 | 306/310 | 215/227 |
|                       | Gab-1497 | +                              | –          | –           | 08/03/12 |     | 138/138 | 229/245 | 167/179 | 298/302 | 235/247 | 306/310 | 215/227 |
| MA-ID-038             | Gab-1253 | +                              | +          | +           | 06/11/11 | M   | 158/170 | 209/221 | 171/183 | 294/294 | 231/243 | 310/322 | 219/223 |
|                       | Gab-2266 | +                              | –          | –           | 17/12/13 |     | 158/170 | 209/221 | 171/183 | 294/294 | 231/243 | 310/322 | 219/223 |
|                       | Gab-2282 | +                              | /          | /           | 19/02/13 |     | 158/170 | 209/221 | 171/183 | 294/294 | 231/243 | 310/322 | 219/223 |
|                       | Gab-2307 | +                              | +          | +           | 04/03/13 |     | 158/170 | 209/221 | 171/183 | 294/294 | 231/243 | 310/322 | 219/223 |
|                       | Gab-2322 | +                              | –          | –           | 04/03/13 |     | 158/170 | 209/221 | 171/183 | 294/294 | 231/243 | 310/322 | 219/223 |
|                       | Gab-2324 | +                              | –          | +           | 04/03/13 |     | 158/170 | 209/221 | 171/183 | 294/294 | 231/243 | 310/322 | 219/223 |
| MA-ID-039             | Gab-1212 | +                              | –          | –           | 17/10/11 | F   | 158/166 | 225/225 | 167/179 | 286/294 | 231/255 | 306/330 | 219/243 |
|                       | Gab-1213 | +                              | –          | –           | 17/10/11 |     | 158/166 | 225/225 | 167/179 | 286/294 | 231/255 | 306/330 | 219/243 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| MA-ID-040             | Gab-1214 | +                              | –          | –           | 17/10/11 | M   | 150/170 | 225/245 | 175/179 | 274/302 | 231/243 | 310/326 | 227/243 |
|                       | Gab-1215 | +                              | –          | –           | 17/10/11 |     | 150/170 | 225/245 | 175/179 | 274/302 | 231/243 | 310/326 | 227/243 |
|                       | Gab-1216 | +                              | –          | –           | 17/10/11 |     | 150/170 | 225/245 | 175/179 | 274/302 | 231/243 | 310/326 | 227/243 |
|                       | Gab-1217 | +                              | –          | –           | 17/10/11 |     | 150/170 | 225/245 | 175/179 | 274/302 | 231/243 | 310/326 | 227/243 |
|                       | Gab-1218 | +                              | –          | –           | 17/10/11 |     | 150/170 | 225/245 | 175/179 | 274/302 | 231/243 | 310/326 | 227/243 |
| MA-ID-041             | Gab-1233 | +                              | –          | –           | 18/10/11 | M   | 146/166 | 185/245 | 179/179 | 294/310 | 231/255 | 310/314 | 211/223 |
|                       | Gab-1473 | +                              | –          | –           | 09/03/12 |     | 146/166 | 185/245 | 179/179 | 294/310 | 231/255 | 310/314 | 211/223 |
|                       | Gab-1491 | +                              | –          | –           | 09/03/12 |     | 146/166 | 185/245 | 179/179 | 294/310 | 231/255 | 310/314 | 211/223 |
| MA-ID-042             | Gab-1263 | +                              | –          | –           | 03/11/11 | M   | 150/150 | 209/245 | 175/179 | 290/302 | 235/255 | 314/326 | 219/223 |
|                       | Gab-1264 | +                              | –          | –           | 03/11/11 |     | 150/150 | 209/245 | 175/179 | 290/302 | 235/255 | 314/326 | 219/223 |
| MA-ID-043             | Gab-1267 | +                              | –          | –           | 26/10/11 | M   | 166/170 | 193/221 | 175/183 | 302/306 | 223/231 | 318/326 | 231/255 |
| MA-ID-044             | Gab-1275 | +                              | +          | –           | 01/12/11 | M   | 134/170 | 201/225 | 167/179 | 294/298 | - /235  | 310/318 | 211/239 |
|                       | Gab-1302 | –                              | /          | /           | 02/12/11 |     | 134/170 | 201/225 | 167/179 | 294/298 | 235/235 | 310/318 | 211/239 |
|                       | Gab-1303 | –                              | /          | /           | 02/12/11 |     | 134/170 | 201/225 | 167/179 | 294/298 | 235/235 | 310/318 | 211/239 |
| MA-ID-045             | Gab-1176 | +                              | –          | –           | 24/10/11 | M   | 150/170 | 193/201 | 171/179 | 298/298 | 227/231 | 306/322 | 219/243 |
|                       | Gab-1177 | +                              | –          | –           | 24/10/11 |     | 150/170 | 193/201 | 171/179 | 298/298 | 227/231 | 306/322 | 219/ -  |
|                       | Gab-1476 | +                              | –          | –           | 10/03/12 |     | 150/170 | 193/201 | 171/179 | 298/298 | 227/231 | 306/322 | 219/243 |
|                       | Gab-1502 | +                              | –          | –           | 08/03/12 |     | 150/170 | 193/201 | 171/179 | 298/298 | 227/231 | 306/322 | 219/243 |
| MA-ID-046             | Gab-1266 | +                              | –          | +           | 26/09/11 | M   | 154/170 | - /225  | 175/175 | 298/302 | 231/235 | 306/326 | 211/223 |
| MA-ID-047             | Gab-2530 | –                              | /          | /           | 09/05/13 | M   | 174/178 | 217/225 | 183/183 | 298/302 | 231/235 | 306/306 | 219/223 |
| MA-ID-048             | Gab-1239 | +                              | –          | +           | 21/10/11 | F   | 134/170 | 205/225 | 179/183 | 294/298 | 255/263 | 314/322 | 219/223 |
| MA-ID-049             | Gab-1240 | +                              | –          | –           | 21/10/11 | M   | 150/170 | 201/225 | 167/167 | 294/310 | 251/255 | 306/310 | 215/231 |
| MA-ID-050             | Gab-1241 | +                              | –          | –           | 21/10/11 | M   | 150/158 | - /229  | 183/187 | 286/290 | 215/231 | 306/314 | 215/231 |
|                       | Gab-1242 | +                              | –          | –           | 21/10/11 |     | 150/158 | 225/229 | 183/187 | 286/290 | 215/231 | 306/314 | 215/231 |
| MA-ID-051             | Gab-1279 | +                              | –          | –           | 01/12/11 | M   | 150/158 | 201/245 | 167/183 | 290/294 | 231/235 | 306/306 | 223/231 |
|                       | Gab-1280 | +                              | –          | –           | 01/12/11 |     | 150/158 | 201/245 | 167/183 | 290/294 | 231/235 | 306/306 | 223/231 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| MA-ID-052             | Gab-1282 | +                              | +          | −           | 01/12/11 | M   | 150/182 | 205/229 | 179/179 | 298/302 | 231/235 | 306/318 | 215/235 |
|                       | Gab-1284 | +                              | +          | +           | 01/12/11 |     | 150/182 | 205/229 | 179/179 | 298/302 | 231/235 | 306/318 | 215/235 |
|                       | Gab-1287 | +                              | +          | +           | 01/12/11 |     | 150/182 | 205/229 | 179/179 | 298/302 | 231/235 | 306/318 | 215/235 |
|                       | Gab-2096 | +                              | −          | −           | 07/12/12 |     | 150/182 | 205/229 | 179/179 | - /302  | 231/235 | 306/318 | 215/235 |
| MA-ID-053             | Gab-1285 | +                              | −          | −           | 01/12/11 | F   | 134/166 | 221/225 | 179/183 | 290/294 | 227/255 | 310/334 | 191/239 |
|                       | Gab-1291 | +                              | −          | −           | 01/12/11 |     | 134/166 | 221/225 | 179/183 | 290/294 | 227/255 | 310/334 | 191/239 |
| MA-ID-054             | Gab-0923 | −                              | −          | −           | 07/04/11 | M   | 150/154 | 221/241 | 179/187 | 274/302 | 239/259 | 310/314 | 227/231 |
|                       | Gab-0924 | −                              | −          | −           | 07/04/11 |     | 150/154 | 221/241 | 179/187 | 274/302 | 239/259 | 310/314 | 227/231 |
|                       | Gab-1283 | +                              | −          | −           | 01/12/11 |     | 150/154 | 221/241 | 179/187 | 274/302 | 239/259 | 310/314 | 227/231 |
|                       | Gab-1288 | +                              | −          | −           | 01/12/11 |     | 150/154 | 221/241 | 179/187 | 274/302 | 239/259 | 310/314 | 227/231 |
|                       | Gab-1289 | +                              | −          | −           | 01/12/11 |     | 150/154 | 221/241 | 179/187 | 274/302 | 239/259 | 310/314 | 227/231 |
|                       | Gab-1295 | +                              | +          | −           | 01/12/11 |     | 150/154 | 221/241 | 179/187 | 274/302 | 239/259 | 310/314 | 227/231 |
|                       | Gab-1321 | +                              | −          | −           | 03/12/11 |     | 150/154 | 221/241 | 179/187 | 274/302 | 239/259 | 310/314 | 227/231 |
|                       | Gab-1321 | +                              | −          | −           | 03/12/11 |     | 150/154 | 221/241 | 179/187 | 274/302 | 239/259 | 310/314 | 227/231 |
| MA-ID-055             | Gab-0926 | −                              | −          | −           | 07/04/11 | M   | 150/162 | 221/245 | 183/183 | 298/310 | 231/235 | 310/322 | 239/243 |
|                       | Gab-1293 | +                              | −          | −           | 01/12/11 |     | 150/162 | 221/245 | 183/183 | 298/310 | 231/235 | 310/322 | 239/243 |
|                       | Gab-1294 | +                              | −          | +           | 01/12/11 |     | 150/162 | 221/245 | 183/183 | 298/310 | 231/235 | 310/322 | 239/243 |
| MA-ID-056             | Gab-0922 | −                              | −          | −           | 07/04/11 | F   | 170/ -  | 229/ -  | 167/179 | 298/302 | 231/ -  | 306/322 | 219/239 |
|                       | Gab-1297 | +                              | −          | −           | 01/12/11 |     | 170/182 | 229/237 | 167/179 | 298/302 | 231/243 | 306/322 | 219/239 |
| MA-ID-057             | Gab-1306 | +                              | −          | −           | 02/12/11 | F   | 150/154 | 193/225 | 175/179 | 294/298 | 231/267 | 306/322 | 219/227 |
|                       | Gab-1307 | +                              | −          | −           | 02/12/11 |     | 150/154 | 193/225 | 175/179 | 294/298 | 231/267 | 306/322 | 219/227 |
|                       | Gab-1308 | +                              | −          | −           | 02/12/11 |     | 150/154 | 193/225 | 175/179 | 294/298 | 231/267 | 306/322 | 219/227 |
|                       | Gab-1309 | +                              | −          | −           | 02/12/11 |     | 150/154 | 193/225 | 175/179 | 294/298 | 231/267 | 306/322 | 219/227 |
|                       | Gab-1310 | +                              | −          | −           | 02/12/11 |     | 150/154 | 193/225 | 175/179 | 294/298 | 231/267 | 306/322 | 219/227 |
| MA-ID-058             | Gab-0915 | −                              | −          | −           | 07/04/11 | F   | 150/154 | 229/229 | 175/179 | 290/298 | 231/235 | 306/314 | 223/235 |
|                       | Gab-0929 | −                              | −          | −           | 07/04/11 |     | 150/154 | 229/229 | 175/179 | 290/298 | 231/235 | 306/314 | 223/235 |
|                       | Gab-1314 | +                              | −          | −           | 02/12/11 |     | 150/154 | 229/229 | 175/179 | 290/298 | 231/235 | 306/314 | 223/235 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| MA-ID-059             | Gab-2488 | +                              | /          | /           | 06/05/13 |     | 150/154 | 229/229 | 175/179 | 290/298 | 231/235 | 306/314 | 223/235 |
|                       | Gab-2489 | +                              | /          | /           | 06/05/13 |     | 150/154 | 229/229 | 175/179 | 290/298 | 231/235 | 306/314 | 223/235 |
|                       | Gab-1315 | +                              | –          | –           | 02/12/11 | M   | 134/170 | 225/225 | 175/179 | 298/302 | 235/243 | 318/330 | 227/239 |
| MA-ID-060             | Gab-1187 | +                              | –          | –           | 14/10/11 | M   | 154/170 | 225/229 | 175/179 | 274/302 | 235/255 | 306/322 | 223/231 |
|                       | Gab-1471 | +                              | –          | –           | 09/03/12 |     | 154/170 | 225/229 | 175/179 | 274/302 | 235/255 | 306/322 | 223/231 |
|                       | Gab-1484 | +                              | –          | –           | 08/03/12 |     | 154/170 | 225/229 | 175/ -  | 274/302 | 235/255 | 306/ -  | 223/231 |
| MA-ID-061             | Gab-1490 | +                              | –          | –           | 08/03/12 |     | 154/170 | 225/229 | 175/179 | 274/ -  | 235/255 | 306/322 | 223/231 |
|                       | Gab-1493 | +                              | –          | –           | 08/03/12 |     | 154/170 | 225/229 | 175/179 | 274/302 | 235/255 | 306/322 | 223/231 |
|                       | Gab-1248 | +                              | –          | –           | 06/11/11 | F   | 126/146 | 229/245 | 183/183 | 290/290 | 227/235 | 314/326 | 219/235 |
|                       | Gab-1255 | +                              | –          | –           | 06/11/11 |     | 126/146 | 229/245 | 183/183 | 290/290 | 227/235 | 314/326 | 219/235 |
|                       | Gab-1259 | +                              | –          | –           | 06/11/11 |     | 126/146 | 229/245 | 183/183 | 290/290 | 227/235 | 314/326 | 219/235 |
|                       | Gab-2276 | +                              | /          | /           | 19/02/13 |     | 126/146 | 229/245 | 183/183 | 290/290 | 227/235 | 314/326 | 219/235 |
|                       | Gab-2279 | +                              | /          | /           | 19/02/13 |     | 126/146 | 229/245 | 183/183 | 290/290 | 227/235 | 314/326 | 219/235 |
|                       | Gab-2280 | +                              | /          | /           | 19/02/13 |     | 126/146 | 229/245 | 183/183 | 290/290 | 227/235 | 314/326 | 219/235 |
|                       | Gab-2281 | +                              | /          | /           | 19/02/13 |     | 126/146 | 229/245 | 183/183 | 290/290 | 227/235 | 314/326 | 219/235 |
|                       | Gab-2288 | +                              | /          | /           | 19/02/13 |     | 126/146 | 229/245 | - /183  | - /290  | 227/235 | 314/326 | 219/235 |
|                       | Gab-2296 | +                              | /          | /           | 19/02/13 |     | 126/146 | 229/ -  | 183/183 | 290/290 | 227/235 | 314/326 | 219/235 |
|                       | Gab-2299 | +                              | /          | /           | 19/02/13 |     | 126/146 | 229/ -  | 183/183 | 290/290 | 227/235 | 314/326 | 219/235 |
|                       | Gab-2302 | +                              | /          | /           | 19/02/13 |     | 126/146 | 229/ -  | 183/183 | 290/290 | 227/235 | 314/326 | 219/235 |
|                       | Gab-2303 | +                              | /          | /           | 19/02/13 |     | 126/146 | 229/245 | 183/183 | - /290  | 227/235 | 314/326 | 219/235 |
| MA-ID-062             | Gab-1316 | +                              | –          | –           | 02/12/11 | M   | 150/154 | 225/229 | 175/179 | 298/310 | 231/239 | 306/330 | 223/223 |
|                       | Gab-1317 | +                              | –          | –           | 02/12/11 |     | 150/154 | 225/229 | 175/179 | 298/310 | 231/239 | 306/330 | 223/223 |
| MA-ID-063             | Gab-1311 | +                              | –          | –           | 02/12/11 | F   | 166/170 | 225/225 | 175/179 | 298/302 | 243/247 | 326/330 | 227/239 |
|                       | Gab-1312 | +                              | –          | –           | 02/12/11 |     | 166/170 | 225/225 | 175/179 | 298/302 | 243/247 | 326/330 | 227/239 |
| MA-ID-064             | Gab-1320 | +                              | –          | +           | 03/12/11 | M   | 150/186 | 225/245 | 179/183 | 294/298 | 231/235 | 310/322 | 211/211 |
| MA-ID-065             | Gab-1336 | +                              | –          | –           | 01/12/11 | M   | 158/170 | 201/209 | 167/183 | 294/306 | 223/231 | 306/318 | 219/227 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| MA-ID-066             | Gab-1337 | +                              | –          | –           | 01/12/11 |     | 158/170 | 201/209 | 167/183 | 294/306 | 223/231 | 306/318 | 219/227 |
|                       | Gab-1963 | +                              | –          | –           | 26/10/12 |     | 158/170 | 201/209 | 167/183 | 294/306 | 223/231 | 306/318 | 219/227 |
|                       | Gab-1338 | +                              | –          | –           | 02/12/11 | M   | 134/182 | 217/229 | 171/179 | 298/298 | 223/231 | 306/314 | 219/227 |
| MA-ID-067             | Gab-1349 | +                              | –          | –           | 03/12/11 | M   | 138/170 | 221/245 | 167/179 | 274/290 | 227/251 | 306/310 | 191/227 |
| MA-ID-068             | Gab-1351 | +                              | –          | –           | 03/12/11 |     | 138/170 | 221/245 | 167/179 | 274/290 | 227/251 | 306/310 | 191/227 |
|                       | Gab-1352 | +                              | +          | –           | 03/12/11 |     | 138/170 | 221/245 | 167/179 | 274/290 | 227/251 | 306/310 | 191/227 |
|                       | Gab-1353 | +                              | –          | –           | 03/12/11 |     | 138/170 | 221/245 | 167/179 | 274/290 | 227/251 | 306/310 | 191/227 |
|                       | Gab-1354 | +                              | –          | –           | 03/12/11 |     | 138/170 | 221/245 | 167/179 | 274/290 | 227/251 | 306/310 | 191/227 |
|                       | Gab-1355 | +                              | –          | –           | 03/12/11 |     | 138/170 | 221/245 | 167/179 | 274/290 | 227/251 | 306/310 | 191/227 |
|                       | Gab-1356 | +                              | –          | –           | 03/12/11 |     | 138/170 | 221/245 | 167/179 | 274/290 | 227/251 | 306/310 | 191/227 |
|                       | Gab-1367 | +                              | –          | –           | 08/12/11 | F   | 162/170 | 197/225 | 175/179 | 294/306 | 231/235 | 306/306 | 223/227 |
|                       | Gab-1369 | +                              | +          | –           | 08/12/11 |     | 162/170 | 197/225 | 175/179 | 294/306 | 231/235 | 306/306 | 223/227 |
|                       | Gab-1371 | +                              | –          | –           | 08/12/11 |     | 162/170 | 197/225 | 175/179 | 294/306 | 231/235 | 306/306 | 223/227 |
|                       | Gab-1373 | +                              | –          | –           | 08/12/11 |     | 162/170 | 197/225 | 175/179 | 294/306 | 231/235 | 306/306 | 223/227 |
| MA-ID-069             | Gab-1374 | +                              | –          | –           | 08/12/11 |     | 162/170 | 197/225 | 175/179 | 294/306 | 231/235 | 306/306 | 223/227 |
|                       | Gab-1472 | +                              | +          | –           | 09/03/12 | F   | 146/158 | 201/225 | 175/179 | 294/306 | 231/235 | 310/322 | 211/239 |
| MA-ID-070             | Gab-1290 | +                              | +          | +           | 02/12/11 | M   | 158/170 | 185/249 | 183/183 | 290/302 | 243/243 | 314/318 | 219/231 |
| MA-ID-071             | Gab-1292 | +                              | +          | +           | 02/12/11 |     | 158/170 | 185/249 | 183/183 | 290/302 | 243/243 | 314/318 | 219/231 |
|                       | Gab-1350 | +                              | –          | –           | 03/12/11 | M   | 138/150 | 221/229 | 175/179 | 286/314 | 243/251 | 306/310 | 223/227 |
|                       | Gab-1357 | –                              | /          | /           | 03/12/11 |     | 138/150 | 221/229 | 175/179 | 286/314 | 243/251 | 306/310 | 223/227 |
|                       | Gab-1358 | –                              | /          | /           | 03/12/11 |     | 138/150 | 221/229 | 175/179 | 286/314 | 243/251 | 306/310 | 223/227 |
|                       | Gab-1359 | –                              | /          | /           | 03/12/11 |     | 138/150 | 221/229 | 175/179 | 286/314 | 243/251 | 306/310 | 223/227 |
|                       | Gab-1360 | –                              | /          | /           | 03/12/11 |     | 138/150 | 221/229 | 175/179 | 286/314 | 243/251 | 306/310 | 223/227 |
|                       | Gab-1361 | –                              | /          | /           | 03/12/11 |     | 138/150 | 221/229 | 175/179 | 286/314 | 243/251 | 306/310 | 223/227 |
|                       | Gab-1362 | –                              | /          | /           | 03/12/11 |     | 138/150 | 221/229 | 175/179 | 286/314 | 243/251 | 306/310 | 223/227 |
|                       | Gab-1363 | –                              | /          | /           | 03/12/11 |     | 138/150 | 221/229 | 175/179 | 286/314 | 243/251 | 306/310 | 223/227 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| MA-ID-072             | Gab-1364 | –                              | /          | /           | 03/12/11 |     | 138/150 | 221/229 | 175/179 | 286/314 | 243/251 | 306/310 | 223/227 |
|                       | Gab-1474 | +                              | –          | –           | 09/03/12 | F   | 138/170 | 229/229 | 179/183 | 290/306 | 239/243 | 306/314 | 211/227 |
|                       | Gab-1503 | +                              | –          | –           | 08/03/12 | F   | 170/170 | 193/197 | 179/183 | 298/306 | 239/255 | 306/310 | 219/235 |
| MA-ID-074             | Gab-1504 | +                              | –          | –           | 08/03/12 |     | 170/170 | 193/197 | 179/183 | 298/306 | 239/255 | 306/310 | 219/235 |
|                       | Gab-1507 | +                              | –          | –           | 08/03/12 |     | 170/170 | 193/197 | 179/183 | 298/306 | 239/255 | 306/310 | 219/235 |
|                       | Gab-1209 | +                              | –          | –           | 17/10/11 | M   | 150/166 | 225/225 | 167/179 | 294/302 | - / -   | 306/310 | 219/243 |
|                       | Gab-1210 | +                              | –          | –           | 17/10/11 |     | 150/166 | 225/225 | 167/179 | 294/302 | - / -   | 306/310 | - /243  |
|                       | Gab-1211 | +                              | +          | –           | 17/10/11 |     | 150/166 | 225/225 | 167/179 | 294/302 | 235/255 | 306/310 | 219/243 |
| MA-ID-075             | Gab-1296 | –                              | +          | +           | 02/12/11 | M   | 146/182 | 225/225 | 183/183 | 290/298 | 235/243 | 322/322 | 211/235 |
| MA-ID-076             | Gab-1298 | +                              | –          | +           | 02/12/11 | M   | 150/170 | 205/225 | 167/183 | - /302  | 235/267 | 306/310 | 235/239 |
| MA-ID-077             | Gab-1319 | +                              | +          | +           | 03/12/11 |     | 150/170 | 205/225 | 167/183 | 290/302 | 235/267 | 306/310 | 239/239 |
|                       | Gab-0919 | –                              | –          | –           | 07/04/11 | F   | 150/170 | 201/225 | - / -   | - /294  | 247/255 | 322/322 | 211/227 |
|                       | Gab-1301 | +                              | –          | –           | 02/12/11 |     | 150/170 | 201/225 | 183/195 | 294/294 | 247/255 | 322/322 | 211/227 |
| MA-ID-078             | Gab-2366 | –                              | +          | +           | 03/03/13 | M   | 134/138 | 225/245 | - /179  | 306/306 | 227/231 | 326/326 | 219/223 |
|                       | Gab-2446 | –                              | /          | /           | 04/04/13 |     | 134/138 | 225/245 | 175/179 | 306/306 | 227/231 | 326/326 | 219/223 |
|                       | Gab-2453 | –                              | /          | /           | 11/04/13 |     | 134/138 | 225/245 | 175/179 | 306/306 | 227/231 | 326/326 | 219/223 |
| MA-ID-079             | Gab-1188 | –                              | /          | /           | 24/10/11 | M   | 138/158 | 185/193 | 183/183 | 298/298 | 231/235 | 306/322 | 211/227 |
|                       | Gab-1231 | –                              | /          | /           | 08/11/11 |     | 138/158 | 185/193 | 183/183 | 298/298 | 231/235 | 306/322 | 211/227 |
| MA-ID-080             | Gab-1972 | –                              | /          | /           | 10/11/12 | F   | 142/146 | 193/201 | 179/183 | 294/298 | 223/243 | 314/318 | 231/235 |
|                       | Gab-1975 | –                              | /          | /           | 10/11/12 |     | - /146  | 193/201 | - /183  | 294/298 | 223/243 | 314/318 | 231/235 |
| MA-ID-081             | Gab-0905 | +                              | –          | –           | 08/04/11 | F   | 154/158 | 225/225 | 167/183 | 286/302 | 235/243 | 310/314 | 227/ -  |
|                       | Gab-0989 | –                              | –          | –           | 04/05/11 |     | 154/158 | 225/225 | 167/183 | 286/302 | 235/243 | 310/314 | - / -   |
|                       | Gab-1010 | –                              | –          | –           | 20/05/11 |     | 154/158 | 225/225 | 167/183 | 286/302 | 235/243 | 310/314 | 227/247 |
|                       | Gab-1011 | –                              | –          | –           | 20/05/11 |     | 154/158 | 225/225 | 167/183 | 286/302 | 235/243 | 310/314 | 227/247 |
|                       | Gab-1016 | +                              | –          | –           | 20/05/11 |     | 154/158 | - /225  | 167/183 | 286/302 | 235/243 | 310/314 | 227/247 |
|                       | Gab-1018 | –                              | –          | –           | 20/05/11 |     | 154/158 | 225/225 | 167/183 | 286/302 | 235/243 | 310/314 | 227/247 |

Table S1. *Cont.*

| Individual<br>MA site | Lab<br>Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|-------------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |             |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| MA-ID-082             | Gab-2486    | –                              | /          | /           | 06/05/13 |     | 154/158 | 225/225 | 167/183 | 286/302 | 235/243 | 310/314 | 227/247 |
|                       | Gab-1331    | –                              | /          | /           | 02/12/11 | F   | 174/178 | 205/245 | 167/179 | 310/318 | 235/251 | 306/306 | 211/219 |
|                       | Gab-2531    | –                              | /          | /           | 11/05/13 |     | 174/178 | 205/245 | 167/179 | - / -   | 235/251 | 306/306 | 211/219 |
| MA-ID-083             | Gab-0906    | –                              | –          | –           | 08/04/11 | F   | 170/194 | 245/245 | 179/183 | 298/306 | 231/255 | 326/330 | 211/223 |
| MA-ID-084             | Gab-0912    | –                              | –          | –           | 13/04/11 | M   | 158/162 | 225/225 | 175/187 | 302/302 | 231/235 | 306/322 | 231/235 |
|                       | Gab-1304    | –                              | /          | /           | 02/12/11 |     | 158/162 | 225/225 | 175/187 | 302/302 | 231/235 | 306/322 | 231/235 |
| MA-ID-085             | Gab-0914    | –                              | –          | –           | 13/04/11 | F   | 134/166 | 201/221 | 175/179 | 294/294 | 231/235 | 306/310 | 211/219 |
| MA-ID-086             | Gab-2528    | –                              | /          | /           | 09/05/13 | M   | 170/178 | 225/241 | 183/183 | 290/302 | 235/251 | 306/318 | 211/247 |
| MA-ID-087             | Gab-2526    | –                              | /          | /           | 09/05/13 | F   | 158/162 | 225/245 | 179/183 | 294/302 | 231/235 | 306/318 | 191/219 |
| MA-ID-088             | Gab-0925    | –                              | –          | –           | 07/04/11 | F   | 150/170 | 229/245 | 179/183 | 298/302 | 231/235 | 306/310 | 239/247 |
| MA-ID-089             | Gab-0932    | –                              | –          | –           | 11/04/11 | M   | 162/166 | 233/245 | 175/179 | 274/310 | 231/231 | 314/314 | 215/227 |
| MA-ID-090             | Gab-0934    | –                              | –          | –           | 11/04/11 | M   | 138/170 | 241/241 | 183/187 | 294/302 | 227/239 | 326/330 | 191/191 |
| MA-ID-091             | Gab-0939    | –                              | –          | –           | 11/04/11 | F   | 162/166 | 225/241 | 179/183 | 298/306 | 231/259 | 318/322 | 191/191 |
| MA-ID-092             | Gab-0941    | –                              | –          | –           | 11/04/11 | F   | 158/162 | 189/233 | 167/179 | 274/302 | 223/231 | 310/314 | 211/215 |
| MA-ID-093             | Gab-0948    | –                              | –          | –           | 14/04/11 | M   | 146/150 | 201/225 | 171/175 | 294/298 | 227/235 | 310/322 | 239/243 |
|                       | Gab-1466    | –                              | /          | /           | 09/03/12 |     | 146/150 | 201/225 | 171/175 | 294/298 | 227/235 | 310/322 | 239/243 |
|                       | Gab-1469    | –                              | /          | /           | 09/03/12 |     | 146/150 | 201/225 | 171/175 | 294/298 | 227/235 | 310/322 | 239/243 |
|                       | Gab-1470    | –                              | /          | /           | 09/03/12 |     | 146/150 | 201/225 | 171/175 | 294/298 | 227/235 | 310/322 | 239/243 |
| MA-ID-094             | Gab-0951    | –                              | –          | –           | 14/04/11 | M   | - /150  | - /225  | - /183  | 298/302 | 231/235 | 306/310 | 211/227 |
| MAc-ID-095            | Gab-0953    | –                              | –          | –           | 14/04/11 | M   | 150/170 | 193/225 | 175/179 | 302/306 | 231/239 | 310/310 | 215/219 |
| MA-ID-096             | Gab-0954    | –                              | –          | –           | 14/04/11 | M   | 146/150 | 225/225 | 171/179 | 302/306 | 231/235 | 310/310 | 211/243 |
|                       | Gab-0961    | –                              | –          | –           | 14/04/11 |     | 146/150 | 225/225 | 171/179 | 302/306 | 231/235 | 310/310 | 211/243 |
| MA-ID-097             | Gab-0956    | –                              | –          | –           | 14/04/11 | M   | 134/170 | 193/229 | 171/183 | 274/302 | 227/251 | 314/322 | 211/219 |
|                       | Gab-1223    | –                              | /          | /           | 31/10/11 |     | 134/170 | 193/229 | - /183  | 274/302 | 227/251 | 314/322 | 211/219 |
|                       | Gab-1323    | –                              | –          | –           | 04/12/11 |     | 134/170 | 193/229 | 171/183 | 274/302 | 227/251 | 314/322 | 211/219 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| MA-ID-098             | Gab-2501 | +                              | /          | /           | 07/05/13 | M   | 150/162 | 189/193 | 183/183 | 282/298 | 231/267 | 302/310 | 219/223 |
|                       | Gab-2507 | –                              | /          | /           | 07/05/13 |     | 150/162 | 189/193 | 183/183 | 282/298 | 231/267 | 302/310 | 219/223 |
|                       | Gab-2516 | –                              | /          | /           | 08/05/13 |     | 150/162 | 189/193 | - /183  | 282/298 | 231/267 | 302/310 | 219/223 |
| MA-ID-099             | Gab-2504 | –                              | /          | /           | 07/05/13 | M   | 162/170 | 189/189 | 179/183 | 294/298 | 235/243 | 314/322 | - /211  |
|                       | Gab-2520 | +                              | /          | /           | 08/05/13 |     | 162/170 | - / -   | 179/183 | 294/298 | 235/243 | 314/322 | 211/211 |
| MA-ID-100             | Gab-0987 | –                              | –          | –           | 27/04/11 | M   | 138/174 | 225/269 | 167/167 | 250/ -  | 231/251 | 306/306 | 211/223 |
| MA-ID-101             | Gab-0988 | –                              | –          | –           | 27/04/11 | F   | 138/186 | 197/201 | 179/183 | 302/310 | 231/255 | 310/322 | 191/223 |
| MA-ID-102             | Gab-0990 | –                              | –          | –           | 27/04/11 | F   | 138/162 | 189/201 | 167/167 | 298/298 | 227/231 | 326/334 | - / -   |
| MA-ID-103             | Gab-0991 | –                              | –          | –           | 27/04/11 | F   | 138/182 | 193/201 | 179/183 | 302/310 | 231/255 | 310/322 | 179/199 |
| MA-ID-104             | Gab-0994 | –                              | –          | –           | 04/05/11 | M   | 162/166 | 225/229 | 175/179 | 298/298 | - /227  | 306/322 | 223/227 |
|                       | Gab-1335 | –                              | /          | –           | 01/12/11 |     | 162/166 | 225/229 | 175/179 | 298/298 | 227/227 | 306/322 | 223/227 |
| MA-ID-105             | Gab-0998 | –                              | –          | –           | 17/05/11 | M   | 158/166 | 253/277 | 179/179 | 250/258 | 227/251 | 306/306 | - / -   |
| MA-ID-106             | Gab-1002 | –                              | –          | –           | 17/05/11 | M   | 166/170 | 225/245 | 179/187 | 294/302 | 227/251 | 306/322 | 191/223 |
| MA-ID-107             | Gab-1008 | –                              | –          | –           | 17/05/11 | M   | 154/170 | 189/277 | 167/175 | 258/290 | 231/ -  | 306/318 | - / -   |
| MA-ID-108             | Gab-2347 | –                              | –          | –           | 03/03/13 | M   | 170/182 | 233/ -  | 183/ -  | 274/274 | 239/255 | 314/326 | - / -   |
|                       | Gab-2369 | –                              | –          | –           | 03/03/13 |     | 170/182 | 225/233 | 183/183 | 274/274 | 239/255 | 314/326 | 219/243 |
|                       | Gab-2397 | –                              | –          | –           | 07/03/13 |     | 170/182 | 225/233 | 183/183 | 274/274 | 239/255 | 314/326 | 219/243 |
| MA-ID-109             | Gab-1022 | –                              | –          | –           | 20/05/11 | M   | 166/170 | 189/277 | 179/183 | 298/302 | 223/231 | 310/314 | 211/211 |
| MA-ID-110             | Gab-1024 | –                              | –          | –           | 20/05/11 | M   | 166/178 | 257/277 | 179/183 | 250/258 | 227/235 | 306/310 | - / -   |
|                       | Gab-1026 | –                              | –          | –           | 20/05/11 |     | 166/178 | 257/277 | 179/ -  | 250/258 | 227/235 | 306/310 | 211/ -  |
| MA-ID-111             | Gab-1468 | –                              | /          | /           | 09/03/12 | F   | 138/170 | 225/245 | 183/191 | 290/302 | 231/231 | 306/310 | 219/ -  |
| MA-ID-112             | Gab-1028 | –                              | –          | –           | 07/06/11 | F   | 150/170 | 209/241 | 175/179 | 294/302 | 223/255 | 310/314 | 219/231 |
|                       | Gab-1030 | –                              | –          | –           | 07/06/11 |     | 150/170 | 209/241 | 175/179 | 294/302 | 223/255 | 310/314 | 219/231 |
| MA-ID-113             | Gab-1029 | –                              | –          | –           | 07/06/11 | M   | 150/158 | 245/249 | 175/183 | 286/306 | 223/255 | 314/318 | 219/227 |
| MA-ID-114             | Gab-1032 | –                              | –          | –           | 07/06/11 | M   | 162/166 | 197/225 | 175/187 | 298/318 | 231/247 | 306/306 | 191/223 |
| MA-ID-115             | Gab-1169 | –                              | /          | /           | 16/10/11 | F   | 154/158 | 225/233 | 171/179 | 274/290 | 231/231 | 314/322 | 191/223 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| Ma-ID-116             | Gab-1170 | –                              | /          | /           | 16/10/11 |     | 154/158 | 225/233 | 171/179 | 274/290 | 231/251 | 314/322 | 191/223 |
|                       | Gab-1464 | –                              | /          | /           | 09/03/12 | F   | 134/138 | 225/225 | 179/187 | 286/302 | 243/251 | 314/314 | 211/223 |
| MA-ID-117             | Gab-1178 | –                              | /          | /           | 24/10/11 | M   | 170/174 | 197/245 | 179/183 | 290/306 | 247/255 | 306/322 | 219/231 |
|                       | Gab-1179 | –                              | /          | /           | 24/10/11 |     | 170/174 | 197/245 | 179/183 | 290/306 | 247/255 | 306/322 | 219/231 |
|                       | Gab-1180 | –                              | /          | /           | 24/10/11 |     | 170/174 | 197/245 | 179/183 | 290/306 | 247/255 | 306/322 | 219/231 |
|                       | Gab-1181 | –                              | /          | /           | 24/10/11 |     | 170/174 | 197/245 | 179/183 | 290/306 | 247/255 | 306/322 | 219/231 |
|                       | Gab-1182 | –                              | /          | /           | 24/10/11 |     | 170/174 | 197/245 | 179/183 | 290/306 | 247/255 | 306/322 | 219/231 |
|                       | Gab-1183 | –                              | /          | /           | 24/10/11 |     | 170/174 | 197/245 | 179/183 | 290/306 | 247/255 | 306/322 | 219/231 |
| MA-ID-118             | Gab-1261 | –                              | /          | /           | 06/11/11 | M   | 154/170 | 221/225 | 171/179 | 290/294 | 231/235 | 306/310 | 219/223 |
| Ma-ID-119             | Gab-1508 | –                              | /          | /           | 11/03/12 | F   | 154/166 | 225/229 | 167/167 | 290/298 | 235/247 | 314/322 | 231/239 |
|                       | Gab-1514 | –                              | /          | /           | 11/03/12 |     | 154/166 | 225/229 | 167/ -  | 290/298 | 235/247 | 314/322 | 231/239 |
|                       | Gab-1519 | –                              | /          | /           | 11/03/12 |     | 154/166 | 225/229 | 167/167 | 290/298 | 235/247 | 314/322 | 231/239 |
|                       | Gab-1224 | –                              | /          | /           | 11/03/12 |     | 154/166 | 225/229 | 167/167 | 290/298 | 235/247 | 314/322 | 231/239 |
| MA-ID-120             | Gab-1225 | –                              | /          | /           | 02/11/11 | M   | 146/166 | 225/245 | 167/179 | 290/314 | 223/231 | 310/330 | 191/223 |
| MA-ID-121             | Gab-1226 | –                              | /          | /           | 02/11/11 | F   | 134/166 | 193/245 | 179/187 | 298/310 | 223/251 | 306/318 | 231/239 |
| MA-ID-122             | Gab-1236 | –                              | /          | /           | 02/11/11 | F   | 166/170 | 201/225 | 147/179 | 302/306 | 231/243 | 306/322 | 223/243 |
| MA-ID-123             | Gab-1237 | –                              | /          | /           | 02/11/11 | M   | 146/170 | 221/229 | 179/183 | 282/294 | 227/235 | 306/318 | 191/219 |
|                       | Gab-1488 | –                              | /          | /           | 08/03/12 |     | 146/170 | 221/229 | 179/183 | 282/294 | 227/235 | 306/318 | 191/219 |
| MA-ID-124             | Gab-1243 | –                              | /          | /           | 06/11/11 | M   | 162/170 | 193/225 | 179/187 | 294/298 | 223/231 | 306/306 | 211/215 |
|                       | Gab-1244 | –                              | /          | /           | 06/11/11 |     | 162/170 | 193/225 | 179/187 | 294/298 | 223/231 | 306/306 | 211/215 |
|                       | Gab-1245 | –                              | /          | /           | 06/11/11 |     | 162/170 | 193/225 | 179/ -  | 294/298 | 223/231 | 306/306 | 211/215 |
|                       | Gab-1265 | –                              | /          | /           | 03/11/11 |     | 162/170 | 193/225 | 179/187 | 294/298 | 223/231 | 306/306 | 211/215 |
| MA-ID-125             | Gab-1246 | –                              | /          | /           | 06/11/11 | F   | 146/154 | 193/229 | 179/187 | 286/290 | 239/255 | 322/330 | 211/243 |
|                       | Gab-1258 | –                              | /          | /           | 06/11/11 |     | 146/154 | 193/229 | 179/187 | 286/290 | 239/255 | 322/330 | 211/243 |
| MA-ID-126             | Gab-1250 | –                              | /          | /           | 06/11/11 | M   | 126/126 | 185/225 | 183/187 | 298/318 | 239/251 | 306/314 | 211/235 |
|                       | Gab-1256 | –                              | /          | /           | 06/11/11 |     | 126/126 | 185/225 | 183/187 | 298/318 | 239/251 | 306/314 | 211/235 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| MA-ID-127             | Gab-1260 | –                              | /          | /           | 06/11/11 |     | 126/-   | - /225  | 183/187 | 298/318 | 239/251 | 306/314 | 211/235 |
|                       | Gab-2291 | –                              | /          | /           | 19/02/13 |     | 126/-   | - /225  | 183/187 | 298/318 | 239/251 | 306/314 | 211/235 |
|                       | Gab-2295 | –                              | /          | /           | 19/02/13 |     | 126/126 | 185/225 | 183/187 | 298/318 | 239/251 | 306/314 | 211/235 |
|                       | Gab-2309 | –                              | –          | +           | 04/03/13 |     | 126/126 | 185/225 | 183/187 | 298/318 | 239/251 | 306/314 | 211/235 |
|                       | Gab-2310 | –                              | –          | –           | 04/03/13 |     | 126/126 | 185/225 | 183/187 | 298/318 | 239/251 | 306/314 | 211/235 |
|                       | Gab-2287 | –                              | /          | /           | 19/02/13 | F   | 158/158 | 245/245 | 167/191 | 294/298 | 231/251 | 306/314 | 235/243 |
|                       | Gab-2298 | –                              | /          | /           | 19/02/13 |     | 158/158 | 245/245 | 167/191 | 294/298 | 231/251 | 306/314 | 235/243 |
| MA-ID-128             | Gab-1262 | –                              | /          | /           | 03/11/11 | M   | 150/166 | 225/225 | 175/183 | 302/302 | 223/247 | 306/306 | 227/235 |
| MA-ID-129             | Gab-2338 | –                              | –          | –           | 04/03/13 | M   | 138/170 | 237/245 | 179/179 | 274/278 | 231/235 | 314/314 | 223/231 |
|                       | Gab-2365 | –                              | +          | –           | 04/03/13 |     | 138/170 | 237/245 | 179/179 | 274/278 | 231/235 | - /314  | 223/231 |
|                       | Gab-2367 | –                              | –          | –           | 04/03/13 |     | 138/170 | 237/245 | 179/179 | 274/278 | 231/235 | - /314  | 223/231 |
| MA-ID-130             | Gab-1277 | –                              | /          | /           | 01/12/11 | M   | 134/150 | 205/225 | 179/179 | 290/302 | 231/235 | 310/318 | 235/239 |
|                       | Gab-1278 | –                              | /          | /           | 01/12/11 |     | 134/150 | 205/225 | 179/179 | 290/302 | 231/235 | 310/318 | 235/239 |
| MA-ID-131             | Gab-1299 | –                              | /          | –           | 02/12/11 | M   | 146/150 | 205/229 | 167/179 | 290/294 | 235/243 | 306/310 | 211/235 |
| MA-ID-132             | Gab-2357 | –                              | –          | –           | 03/03/13 | M   | 138/166 | 197/225 | 175/187 | 298/302 | 235/243 | 306/314 | 227/239 |
|                       | Gab-2400 | –                              | –          | –           | 07/03/13 |     | 138/166 | 197/225 | 175/187 | 298/302 | 235/243 | 306/314 | 227/239 |
| MA-ID-133             | Gab-2364 | –                              | –          | –           | 03/03/13 | M   | 162/182 | 233/245 | 179/179 | 274/294 | 243/255 | 314/338 | 219/219 |
|                       | Gab-2444 | –                              | /          | /           | 13/04/13 |     | 162/182 | 233/245 | 179/179 | 274/294 | 243/255 | 314/338 | 219/219 |
| MA-ID-134             | Gab-1305 | –                              | /          | /           | 02/12/11 | M   | 134/162 | 193/225 | 167/191 | 282/290 | 223/255 | 302/306 | 231/239 |
| MA-ID-135             | Gab-1318 | –                              | /          | /           | 03/12/11 | M   | 150/170 | 225/225 | 175/179 | 286/310 | 239/243 | 306/322 | 211/223 |
| MA-ID-136             | Gab-1326 | –                              | /          | /           | 05/12/11 | M   | 150/150 | 201/233 | 175/187 | 286/302 | 227/231 | 310/318 | 231/235 |
| MA-ID-137             | Gab-1330 | –                              | /          | /           | 01/12/11 | F   | 166/170 | 197/221 | 179/183 | 290/310 | 235/251 | 310/314 | 219/223 |
| MA-ID-138             | Gab-2373 | –                              | –          | –           | 06/03/13 | F   | 146/154 | 221/225 | 167/183 | 290/306 | 227/235 | 306/322 | 211/227 |
|                       | Gab-2399 | –                              | –          | –           | 07/03/13 |     | 146/154 | 221/225 | 167/183 | 290/306 | 227/235 | 306/322 | 211/227 |
| MA-ID-139             | Gab-1332 | –                              | /          | /           | 01/12/11 | F   | 134/162 | 225/229 | 171/179 | 298/298 | 231/251 | 306/314 | 223/227 |
|                       | Gab-2490 | –                              | /          | /           | 06/05/13 |     | 134/162 | 225/229 | 171/179 | - /298  | 231/251 | 306/314 | 223/227 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| MA-ID-140             | Gab-1333 | –                              | /          | /           | 01/12/11 | M   | 134/154 | 193/249 | 183/183 | 278/290 | 227/231 | 314/314 | 211/235 |
|                       | Gab-2088 | –                              | /          | /           | 08/07/12 |     | 134/154 | 193/249 | 183/183 | 278/290 | 227/231 | - /314  | 211/235 |
| MA-ID-141             | Gab-1334 | –                              | /          | /           | 01/12/11 | F   | 170/174 | 225/225 | 183/183 | 290/290 | 235/247 | 302/310 | 219/227 |
|                       | Gab-2527 | –                              | /          | /           | 09/05/13 |     | 170/174 | 225/225 | 183/183 | 290/290 | 235/247 | 302/310 | 219/227 |
|                       | Gab-2529 | –                              | /          | /           | 09/05/13 |     | 170/174 | 225/225 | 183/183 | 290/290 | 235/247 | 302/310 | 219/227 |
| MA-ID-142             | Gab-2524 | +                              | /          | /           | 09/05/13 | M   | 138/170 | 189/229 | 179/183 | 290/302 | 227/235 | 318/322 | 211/211 |
| MA-ID-143             | Gab-1340 | –                              | /          | /           | 01/12/11 | F   | 162/174 | 197/229 | 175/183 | 290/294 | 223/227 | 314/322 | 211/243 |
| MA-ID-144             | Gab-1341 | –                              | /          | /           | 01/12/11 | M   | 166/182 | 225/245 | 179/179 | 302/318 | 227/235 | 306/306 | 211/219 |
|                       | Gab-1342 | –                              | /          | /           | 01/12/11 |     | 166/182 | 225/245 | 179/179 | 302/318 | 227/235 | 306/306 | 211/219 |
|                       | Gab-2491 | –                              | /          | /           | 07/05/13 |     | 166/182 | 225/245 | 179/179 | 302/318 | 227/235 | 306/306 | 211/219 |
| MA-ID-145             | Gab-0901 | –                              | –          | –           | 07/04/11 | F   | 162/166 | 201/225 | 167/175 | 298/302 | 227/255 | 306/310 | 223/223 |
|                       | Gab-1343 | –                              | /          | /           | 01/12/11 |     | 162/166 | 201/225 | 167/175 | 298/302 | 227/255 | 306/310 | 223/223 |
|                       | Gab-1964 | –                              | /          | /           | 26/10/12 |     | - /166  | 201/225 | 167/175 | 298/302 | 227/255 | 306/310 | 223/ -  |
| MA-ID-146             | Gab-1344 | –                              | /          | /           | 01/12/11 | F   | 154/158 | 185/197 | 175/183 | 286/306 | 227/231 | 306/318 | 227/231 |
| MA-ID-147             | Gab-1345 | –                              | /          | /           | 01/12/11 | F   | 154/170 | 197/201 | 167/175 | 294/306 | 227/231 | 306/318 | 219/231 |
| MA-ID-148             | Gab-1346 | –                              | /          | /           | 01/12/11 | M   | 146/154 | 197/225 | 179/183 | 298/306 | 231/235 | - / 322 | 227/235 |
| MA-ID-149             | Gab-1347 | –                              | /          | /           | 03/12/11 | M   | 146/170 | 229/229 | 183/183 | 294/306 | 223/235 | 318/322 | 211/235 |
| MA-ID-150             | Gab-2522 | +                              | /          | /           | 09/05/13 | F   | 150/150 | 205/225 | 167/179 | 274/314 | 231/235 | 310/326 | 219/231 |
|                       | Gab-2523 | –                              | /          | /           | 09/05/13 |     | 150/150 | 205/225 | 167/179 | 274/314 | 231/235 | 310/326 | 219/231 |
| MA-ID-151             | Gab-1365 | –                              | /          | /           | 03/12/11 | M   | 170/170 | 197/221 | 167/175 | 290/306 | 235/251 | 306/310 | 191/227 |
|                       | Gab-1366 | –                              | /          | /           | 03/12/11 |     | 170/170 | 197/221 | 167/175 | 290/306 | 235/251 | 306/310 | 191/227 |
|                       | Gab-1368 | –                              | /          | /           | 08/12/11 |     | 170/170 | 197/221 | 167/175 | 290/306 | 235/251 | 306/310 | 191/227 |
|                       | Gab-1370 | –                              | /          | /           | 08/12/11 |     | 170/170 | 197/221 | 167/175 | 290/306 | 235/251 | 306/310 | 191/227 |
|                       | Gab-1372 | –                              | /          | /           | 08/12/11 |     | 170/170 | 197/221 | 167/175 | 290/306 | 235/251 | 306/310 | 191/227 |
| MA-ID-152             | Gab-2533 | –                              | /          | /           | 11/05/13 | F   | 170/174 | 205/225 | 167/179 | 290/310 | 247/251 | 306/310 | 211/239 |
|                       | Gab-2534 | –                              | /          | /           | 11/05/13 |     | 170/174 | 205/225 | 167/179 | 290/310 | 247/251 | 306/310 | 211/239 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| MA-ID-153             | Gab-2610 | –                              | /          | /           | 30/05/13 |     | 170/174 | 205/225 | 167/179 | 290/310 | 247/251 | 306/310 | 211/239 |
|                       | Gab-1375 | –                              | /          | /           | 08/12/11 | F   | 146/154 | 225/225 | 179/183 | 290/294 | 231/251 | 322/326 | 211/223 |
|                       | Gab-1376 | –                              | /          | /           | 08/12/11 |     | 146/154 | 225/225 | - / -   | - / -   | 231/251 | 322/326 | 211/223 |
| MA-ID-154             | Gab-1477 | –                              | /          | /           | 10/03/12 | F   | 134/146 | 201/225 | 179/183 | 298/298 | 235/243 | 310/318 | 219/235 |
|                       | Gab-1478 | –                              | /          | /           | 10/03/12 |     | 134/146 | 201/225 | 179/183 | 298/298 | 235/243 | 310/318 | 219/235 |
|                       | Gab-1479 | –                              | /          | /           | 10/03/12 |     | 134/146 | 201/225 | 179/183 | 298/298 | 235/243 | 310/318 | 219/235 |
| MA-ID-155             | Gab-1481 | –                              | /          | /           | 08/03/12 | M   | 134/158 | 185/225 | 175/183 | 294/298 | 227/235 | 306/310 | 227/227 |
| MA-ID-156             | Gab-1465 | –                              | /          | /           | 09/03/12 | F   | 154/158 | 225/225 | 175/195 | 302/306 | 239/247 | 306/314 | - / -   |
|                       | Gab-1494 | –                              | /          | /           | 08/03/12 |     | 154/158 | 225/225 | 175/195 | 302/306 | 239/247 | 306/314 | 191/243 |
| MA-ID-157             | Gab-1501 | –                              | /          | /           | 08/03/12 | M   | 134/166 | 185/205 | 171/191 | 290/302 | 231/235 | - / -   | 227/235 |
| MA-ID-158             | Gab-1505 | –                              | /          | /           | 11/03/12 | F   | 166/174 | 201/241 | 183/183 | 274/290 | 235/247 | 318/322 | 219/227 |
| MA-ID-159             | Gab-1509 | –                              | /          | /           | 11/03/12 | F   | 150/170 | 193/221 | 179/179 | 294/298 | 231/251 | 314/322 | 219/223 |
| MA-ID-160             | Gab-2514 | –                              | /          | /           | 08/05/13 | M   | 150/170 | 221/221 | 179/183 | 274/290 | 235/243 | 314/314 | 219/227 |
| MA-ID-161             | Gab-1520 | –                              | /          | /           | 11/03/12 | F   | 150/166 | 189/229 | 171/183 | 282/282 | 227/231 | 306/314 | 191/223 |
| MA-ID-162             | Gab-1521 | –                              | /          | /           | 11/03/12 | F   | 158/170 | 225/225 | 167/187 | 298/302 | 231/235 | 310/322 | 223/239 |
| MA-ID-163             | Gab-1961 | –                              | /          | /           | 26/10/12 | M   | 134/170 | 193/ -  | 167/183 | 270/302 | 231/251 | 310/318 | 231/ -  |
| MA-ID-164             | Gab-1962 | +                              | –          | –           | 26/10/12 | F   | 166/174 | 193/209 | 179/187 | 282/314 | 215/231 | 322/ -  | 231/ -  |
| MA-ID-165             | Gab-2508 | +                              | /          | /           | 07/05/13 | M   | 162/170 | 193/197 | 175/179 | 290/298 | 231/235 | 318/322 | 211/235 |
|                       | Gab-2510 | +                              | /          | /           | 07/05/13 |     | 162/170 | 193/197 | 175/179 | 290/298 | 231/235 | 318/322 | 211/235 |
| MA-ID-166             | Gab-2500 | +                              | /          | /           | 07/05/13 | F   | 150/170 | 193/221 | 179/183 | 298/298 | - / -   | 310/314 | 219/235 |
| MA-ID-167             | Gab-1965 | +                              | –          | –           | 26/10/12 | M   | 154/158 | 225/229 | 175/183 | 290/298 | 231/235 | 302/306 | 223/243 |
|                       | Gab-2463 | –                              | /          | /           | 08/05/13 |     | - / -   | 225/229 | 175/ -  | - /298  | 231/235 | 302/306 | 223/243 |
| MA-ID-168             | Gab-1966 | –                              | /          | /           | 09/10/12 | F   | 162/170 | 197/225 | 167/187 | 294/302 | 231/239 | 306/330 | - / -   |
| MA-ID-169             | Gab-1970 | +                              | –          | –           | 10/10/12 | M   | 146/170 | 185/245 | 179/179 | 290/302 | 231/247 | 314/326 | 231/239 |
| MA-ID-170             | Gab-1971 | +                              | –          | –           | 10/10/12 | M   | 166/182 | 241/241 | 179/179 | 290/298 | 239/255 | 314/332 | 231/255 |
| MA-ID-171             | Gab-2499 | –                              | /          | /           | 07/05/13 | M   | 162/170 | 217/229 | 183/183 | 298/298 | - /235  | 302/330 | 215/219 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
|                       | Gab-2505 | +                              | /          | /           | 07/05/13 |     | 162/170 | 217/229 | 183/183 | 298/298 | 231/235 | 302/330 | 215/219 |
|                       | Gab-2506 | +                              | /          | /           | 07/05/13 |     | 162/170 | 217/229 | 183/183 | 298/298 | - /235  | 302/330 | 215/219 |
|                       | Gab-2511 | +                              | /          | /           | 08/05/13 |     | 162/170 | 217/229 | 183/183 | 298/298 | 231/235 | 302/330 | 215/219 |
|                       | Gab-2515 | +                              | /          | /           | 08/05/13 |     | 162/170 | 217/229 | 183/183 | 298/298 | - /235  | 302/330 | 215/219 |
|                       | Gab-2517 | +                              | /          | /           | 08/05/13 |     | 162/170 | 217/229 | 183/183 | 298/298 | 231/235 | 302/330 | 215/219 |
|                       | Gab-2519 | -                              | /          | /           | 08/05/13 |     | 162/170 | 217/229 | 183/183 | 298/298 | 231/235 | 302/330 | 215/219 |
| MA-ID-172             | Gab-1973 | +                              | -          | -           | 10/11/12 | M   | 134/158 | 229/245 | 179/179 | 298/302 | 231/235 | 306/338 | 215/227 |
| MA-ID-173             | Gab-1974 | -                              | /          | /           | 10/11/12 | M   | 134/138 | 221/245 | 179/179 | 290/302 | 227/227 | 306/314 | 191/215 |
| MA-ID-174             | Gab-2495 | -                              | /          | /           | 07/05/13 | M   | - /170  | 193/229 | 167/179 | 290/294 | 235/243 | 314/322 | 227/231 |
|                       | Gab-2496 | -                              | /          | /           | 07/05/13 |     | - /170  | 193/229 | 167/179 | 290/294 | 235/243 | 314/322 | 227/231 |
|                       | Gab-2497 | -                              | /          | /           | 07/05/13 |     | - /170  | 193/229 | 167/179 | - /294  | 235/243 | 314/322 | 227/231 |
|                       | Gab-2498 | -                              | /          | /           | 07/05/13 |     | 134/170 | 193/229 | 167/179 | 290/294 | 235/243 | 314/322 | 227/231 |
| MA-ID-175             | Gab-2085 | +                              | -          | -           | 06/07/12 | F   | 142/174 | 225/225 | 171/183 | 294/302 | 231/235 | 318/322 | 207/231 |
| MA-ID-176             | Gab-2087 | +                              | -          | -           | 08/12/12 | F   | 150/166 | 201/201 | 183/183 | 298/306 | 243/243 | 306/318 | 215/235 |
| Ma-ID-177             | Gab-2494 | +                              | /          | /           | 07/05/13 | M   | 162/170 | 197/245 | 179/183 | 298/298 | 235/235 | 302/310 | 219/219 |
| MA-ID-178             | Gab-2090 | -                              | /          | /           | 08/12/12 | M   | 166/170 | 193/225 | 179/183 | 298/302 | 223/231 | 310/314 | 211/223 |
|                       | Gab-2091 | -                              | /          | /           | 08/12/12 |     | 166/170 | 193/225 | 179/183 | 298/302 | 223/231 | 310/314 | 211/223 |
| MA-ID-179             | Gab-2458 | -                              | /          | /           | 08/05/13 | M   | 126/170 | 193/221 | 179/183 | 290/302 | 231/235 | 310/318 | 223/235 |
|                       | Gab-2474 | -                              | /          | /           | 08/05/13 |     | 126/170 | 193/221 | 179/183 | 290/302 | 231/235 | 310/318 | 223/235 |
|                       | Gab-2477 | -                              | /          | /           | 08/05/13 |     | 126/170 | 193/221 | 179/183 | 290/302 | 231/235 | 310/318 | 223/235 |
| MA-ID-180             | Gab-2493 | +                              | /          | /           | 07/05/13 | M   | 146/170 | 221/229 | 167/175 | 274/290 | 231/235 | 314/322 | 211/227 |
|                       | Gab-2503 | -                              | /          | /           | 07/05/13 |     | 146/170 | 221/229 | 167/175 | 274/290 | 231/235 | 314/322 | 211/227 |
|                       | Gab-2509 | -                              | /          | /           | 08/05/13 |     | 146/170 | 221/229 | 167/175 | 274/290 | 231/235 | 314/322 | 211/227 |
|                       | Gab-2518 | -                              | /          | /           | 08/05/13 |     | 146/170 | 221/229 | 167/175 | 274/290 | 231/235 | 314/322 | 211/227 |
| MA-ID-181             | Gab-2093 | +                              | -          | -           | 12/12/12 | F   | 146/178 | 229/241 | 183/183 | 298/314 | 227/231 | 306/314 | 239/243 |
| MA-ID-182             | Gab-2094 | -                              | /          | /           | 12/12/12 | F   | 158/162 | - / -   | 179/183 | 270/286 | 227/255 | 310/322 | 179/239 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| MA-ID-183             | Gab-2492 | +                              | /          | /           | 02/05/13 | M   | 150/170 | 217/233 | 179/179 | 286/298 | 231/231 | 306/314 | 211/243 |
| MA-ID-184             | Gab-2098 | –                              | /          | /           | 12/12/12 | F   | 150/174 | 201/229 | 179/183 | 290/294 | 235/243 | 306/322 | 227/243 |
| MA-ID-185             | Gab-2100 | +                              | +          | –           | 07/12/12 | M   | 150/170 | 193/229 | 167/183 | 290/294 | 231/235 | 302/322 | 211/231 |
|                       | Gab-2512 | +                              | /          | /           | 08/05/13 |     | 150/170 | 193/229 | - / -   | 290/294 | 231/235 | 302/322 | 211/231 |
| MA-ID-186             | Gab-2269 | –                              | /          | /           | 19/02/13 | F   | 134/170 | 193/245 | 175/179 | 298/298 | 231/235 | 310/322 | 219/227 |
|                       | Gab-2285 | –                              | /          | /           | 19/02/13 |     | 134/170 | 193/245 | 175/179 | 298/298 | 231/235 | 310/322 | 219/227 |
| MA-ID-187             | Gab-2268 | –                              | /          | /           | 07/02/13 | M   | 150/166 | 225/237 | 167/171 | 302/306 | 235/243 | 314/322 | 191/235 |
| MA-ID-188             | Gab-2270 | +                              | /          | /           | 07/02/13 | F   | 150/154 | 201/221 | 171/179 | 290/318 | 231/251 | 318/322 | 223/231 |
|                       | Gab-2304 | +                              | /          | /           | 19/02/13 |     | - /154  | 201/221 | 171/179 | 290/318 | 231/251 | 318/322 | 223/231 |
| MA-ID-189             | Gab-2271 | +                              | /          | /           | 19/02/13 | M   | 138/162 | 201/229 | 167/167 | 298/302 | 235/235 | 326/334 | 215/223 |
|                       | Gab-2275 | +                              | /          | /           | 19/02/13 |     | 138/162 | 201/229 | 167/167 | 298/302 | 235/235 | 326/334 | 215/223 |
|                       | Gab-2323 | +                              | –          | –           | 04/03/13 |     | 138/162 | 201/229 | 167/167 | 298/302 | 235/235 | 326/ -  | 215/223 |
|                       | Gab-2326 | +                              | –          | –           | 04/03/13 |     | 138/162 | 201/229 | 167/167 | 298/302 | 235/235 | 326/334 | 215/223 |
|                       | Gab-2327 | +                              | –          | –           | 04/03/13 |     | 138/162 | 201/229 | 167/167 | 298/302 | 235/235 | 326/334 | 215/223 |
|                       | Gab-2329 | +                              | –          | –           | 04/03/13 |     | 138/162 | 201/229 | 167/167 | 298/302 | 235/235 | 326/334 | 215/223 |
|                       | Gab-2331 | +                              | –          | –           | 04/03/13 |     | 138/162 | 201/229 | 167/167 | 298/302 | 235/235 | 326/334 | 215/223 |
| MA-ID-190             | Gab-2274 | –                              | /          | /           | 19/02/13 | F   | 146/146 | 221/229 | 179/179 | 286/290 | 239/251 | 306/330 | 207/243 |
| MA-ID-191             | Gab-2277 | +                              | /          | /           | 19/02/13 | M   | 126/154 | 225/229 | 167/183 | 290/318 | 227/251 | 306/314 | 211/235 |
|                       | Gab-2278 | +                              | /          | /           | 19/02/13 |     | 126/154 | 225/229 | 167/183 | 290/318 | 227/251 | 306/314 | 211/235 |
| MA-ID-192             | Gab-2483 | –                              | /          | /           | 06/05/13 | F   | 150/170 | 221/225 | 187/195 | 294     | 231/235 | 302/306 | 223/227 |
| MA-ID-193             | Gab-2283 | –                              | /          | /           | 19/02/13 | F   | 146/166 | 201/225 | 167/175 | 302/306 | 227/231 | 310/310 | 215/231 |
|                       | Gab-2328 | –                              | –          | –           | 04/03/13 |     | 146/166 | 201/225 | 167/175 | 302/306 | 227/231 | 310/310 | 215/231 |
|                       | Gab-2332 | –                              | –          | –           | 04/03/13 |     | 146/166 | 201/225 | 167/175 | 302/306 | 227/231 | 310/310 | 215/231 |
| MA-ID-194             | Gab-2284 | –                              | /          | /           | 19/02/13 | F   | 158/158 | 245/ -  | 167/175 | - / -   | 215/231 | 306/314 | 243/235 |
| MA-ID-195             | Gab-2286 | –                              | /          | /           | 19/02/13 | F   | 146/166 | 205/225 | 183/183 | 282/302 | 235/259 | 310/314 | 215/219 |
|                       | Gab-2318 | –                              | –          | –           | 04/03/13 |     | 146/166 | 205/225 | 183/183 | 282/302 | 235/259 | 310/314 | 215/219 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| MA-ID-196             | Gab-2319 | –                              | –          | –           | 04/03/13 |     | 146/166 | 205/225 | - /183  | 282/ -  | 235/259 | 310/314 | 215/219 |
|                       | Gab-2481 | –                              | /          | /           | 06/05/13 | F   | 138/154 | 225/249 | 183/183 | 290/294 | 227/255 | 314/322 | 235/239 |
|                       | Gab-2482 | –                              | /          | /           | 06/05/13 |     | 138/154 | 225/249 | 183/183 | 290/294 | 227/255 | 314/322 | 235/239 |
| MA-ID-197             | Gab-2480 | –                              | /          | /           | 06/05/13 | F   | 162/170 | 201/229 | 175/179 | 302/314 | 231/231 | 306/330 | 231/235 |
| MA-ID-198             | Gab-2289 | –                              | /          | /           | 19/02/13 | F   | 126/146 | 221/229 | 179/183 | 290/302 | 235/251 | - / -   | - / -   |
| MA-ID-199             | Gab-2294 | +                              | /          | /           | 19/02/13 | F   | 154/158 | 185/225 | 175/179 | 302/314 | 231/239 | 306/310 | 215/219 |
|                       | Gab-2305 | –                              | –          | –           | 03/03/13 |     | 154/158 | 185/225 | 175/179 | 302/314 | 231/239 | 306/310 | 215/219 |
|                       | Gab-2334 | +                              | –          | –           | 04/03/13 |     | 154/158 | 185/225 | 175/179 | 302/314 | 231/239 | 306/310 | 215/219 |
| MA-ID-200             | Gab-2475 | –                              | /          | /           | 08/05/13 | M   | 162/170 | 225/241 | 175/183 | 294/298 | 227/247 | 322/330 | 215/223 |
| MA-ID-201             | Gab-2472 | –                              | /          | /           | 08/05/13 | M   | 142/174 | 229/229 | 167/167 | - / -   | 235/255 | 302/322 | 223/227 |
| MA-ID-202             | Gab-2456 | +                              | /          | /           | 08/05/13 | F   | 134/170 | 241/245 | 183/183 | 290/294 | 235/247 | 302/330 | 215/231 |
| MA-ID-203             | Gab-2306 | –                              | –          | +           | 04/03/13 | M   | 154/154 | 181/201 | 167/183 | 290/298 | 223/247 | 306/326 | 223/235 |
| MA-ID-204             | Gab-2311 | +                              | –          | –           | 04/03/13 | M   | 158/182 | 209/225 | 175/179 | 290/294 | 223/251 | 322/322 | 211/219 |
|                       | Gab-2312 | +                              | –          | –           | 04/03/13 |     | 158/182 | 209/225 | 175/179 | 290/294 | 223/251 | 322/322 | 211/219 |
|                       | Gab-2313 | +                              | –          | +           | 04/03/13 |     | 158/182 | 209/225 | 175/179 | 290/294 | 223/251 | 322/322 | 211/219 |
|                       | Gab-2314 | +                              | –          | –           | 04/03/13 |     | 158/182 | 209/225 | 175/179 | 290/294 | 223/251 | 322/322 | 211/219 |
|                       | Gab-2315 | +                              | –          | –           | 04/03/13 |     | 158/182 | 209/225 | 175/179 | 290/294 | 223/251 | 322/322 | 211/219 |
|                       | Gab-2316 | +                              | –          | +           | 04/03/13 |     | 158/182 | 209/225 | 175/179 | 290/294 | 223/251 | - / -   | 211/219 |
| MA-ID-205             | Gab-2317 | –                              | –          | –           | 04/03/13 | M   | 162/162 | 201/205 | 167/183 | 298/298 | 235/239 | - / -   | - / -   |
|                       | Gab-2330 | –                              | –          | –           | 04/03/13 |     | - /162  | 201/205 | 167/183 | 298/298 | 235/239 | 306/322 | 215/223 |
|                       | Gab-2333 | –                              | –          | –           | 04/03/13 |     | 162/162 | 201/205 | 167/183 | 298/298 | 235/239 | 306/322 | 215/223 |
| MA-ID-206             | Gab-2470 | –                              | /          | /           | 08/05/13 | F   | 170/170 | 193/225 | 167/183 | 290/294 | 231/231 | 306/310 | 219/235 |
| MA-ID-207             | Gab-2320 | +                              | –          | –           | 04/03/13 | F   | 170/170 | 205/225 | 179/183 | 294/306 | 247/259 | 306/322 | 223/227 |
|                       | Gab-2321 | +                              | –          | –           | 04/03/13 |     | 170/170 | 205/225 | 179/183 | 294/306 | 247/259 | 306/322 | 223/227 |
| MA-ID-208             | Gab-2361 | –                              | –          | –           | 03/03/13 | M   | 138/170 | 225/237 | 179/183 | 274/286 | 231/235 | 306/314 | 207/223 |
|                       | Gab-2389 | –                              | –          | –           | 07/03/13 |     | 138/170 | 225/237 | 179/183 | 274/286 | 231/235 | 306/314 | 207/223 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| MA-ID-209             | Gab-2469 | –                              | /          | /           | 08/05/13 | M   | 134/170 | 193/249 | 167/183 | 302/306 | 231/251 | 310/318 | 231/231 |
|                       | Gab-2471 | –                              | /          | /           | 08/05/13 |     | 134/170 | 193/249 | 167/183 | 302/306 | 231/251 | 310/318 | - /231  |
|                       | Gab-2476 | +                              | /          | /           | 08/05/13 |     | 134/170 | 193/249 | 167/183 | 302/306 | 231/251 | 310/318 | 231/231 |
| MA-ID-210             | Gab-2335 | –                              | +          | +           | 03/03/13 | F   | 138/166 | 185/197 | 175/175 | 298/302 | - /235  | 306/314 | 231/239 |
|                       | Gab-2339 | –                              | +          | +           | 03/03/13 |     | 138/166 | 185/197 | 175/175 | 298/302 | 235/235 | 306/314 | 231/239 |
|                       | Gab-2392 | –                              | –          | –           | 07/03/13 |     | 138/166 | 185/197 | 175/175 | 298/302 | 235/235 | 306/314 | 231/239 |
| MA-ID-211             | Gab-2336 | –                              | –          | –           | 04/03/13 | F   | 138/154 | 225/237 | 179/183 | 278/290 | 227/235 | 314/322 | 211/223 |
| MA-ID-212             | Gab-2337 | –                              | –          | –           | 04/03/13 | M   | 170/182 | 197/245 | 167/179 | 274/298 | 223/231 | 306/322 | 223/239 |
|                       | Gab-2343 | –                              | –          | –           | 03/03/13 |     | 170/182 | 197/245 | 167/179 | 274/298 | 223/231 | 306/322 | 223/239 |
|                       | Gab-2379 | –                              | –          | –           | 06/03/13 |     | 170/182 | 197/245 | 167/179 | 274/298 | 223/231 | 306/322 | 223/239 |
| MA-ID-213             | Gab-2445 | –                              | /          | /           | 15/04/13 | F   | 134/150 | 185/225 | 179/183 | 274/306 | 227/247 | 314/326 | 215/219 |
|                       | Gab-2447 | –                              | /          | /           | 15/04/13 |     | 134/150 | 185/225 | 179/183 | 274/306 | 227/247 | 314/326 | 215/219 |
|                       | Gab-2448 | –                              | /          | /           | 15/04/13 |     | 134/150 | 185/225 | 179/183 | 274/306 | 227/247 | 314/326 | 215/219 |
|                       | Gab-2449 | –                              | /          | /           | 15/04/13 |     | 134/150 | 185/225 | 179/183 | 274/306 | 227/247 | 314/326 | 215/219 |
|                       | Gab-2450 | –                              | /          | /           | 15/04/13 |     | 134/150 | 185/225 | 179/183 | 274/306 | 227/247 | 314/326 | 215/219 |
|                       | Gab-2451 | –                              | /          | /           | 15/04/13 |     | 134/150 | 185/225 | 179/183 | 274/306 | 227/247 | 314/326 | 215/219 |
|                       | Gab-2452 | –                              | /          | /           | 15/04/13 |     | 134/150 | 185/225 | 179/183 | 274/306 | 227/247 | 314/326 | 215/219 |
|                       | Gab-2454 | –                              | /          | /           | 15/04/13 |     | 134/150 | 185/225 | 179/183 | 274/306 | 227/247 | 314/326 | 215/219 |
|                       | Gab-2455 | –                              | /          | /           | 15/04/13 |     | 134/150 | 185/225 | 179/183 | 274/306 | 227/247 | 314/326 | 215/219 |
| MA-ID-214             | Gab-2393 | +                              | –          | –           | 07/03/13 | M   | 138/158 | 225/245 | 179/183 | 278/306 | 223/235 | 302/306 | 223/239 |
| MA-ID-215             | Gab-2340 | –                              | –          | –           | 03/03/13 | M   | 166/170 | 185/237 | 179/183 | 302/302 | 235/235 | 302/322 | 223/223 |
|                       | Gab-2348 | –                              | –          | –           | 03/03/13 |     | 166/170 | 185/237 | 179/183 | 302/302 | 235/235 | 302/322 | 223/223 |
|                       | Gab-2359 | –                              | –          | –           | 03/03/13 |     | 166/170 | 185/237 | 179/183 | 302/302 | 235/235 | 302/322 | 223/223 |
|                       | Gab-2362 | –                              | –          | –           | 03/03/13 |     | 166/170 | 185/237 | 179/183 | 302/302 | 235/235 | 302/322 | 223/223 |
|                       | Gab-2363 | –                              | –          | –           | 03/03/13 |     | 166/170 | 185/237 | 179/183 | 302/302 | 235/235 | 302/322 | 223/223 |
|                       | Gab-2378 | –                              | –          | –           | 06/03/13 |     | 166/170 | 185/237 | 179/183 | 302/302 | - /235  | 302/322 | 223/223 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| MA-ID-216             | Gab-2388 | –                              | –          | –           | 06/03/13 |     | 166/170 | 185/237 | 179/183 | 302/ -  | 235/235 | 302/322 | 223/ -  |
|                       | Gab-2391 | –                              | –          | –           | 07/03/13 |     | 166/170 | 185/237 | 179/183 | 302/302 | 235/235 | 302/322 | 223/223 |
|                       | Gab-2387 | –                              | –          | –           | 06/03/13 |     | 166/170 | 185/237 | 179/183 | - /302  | 235/235 | 302/322 | 223/ -  |
|                       | Gab-2342 | –                              | –          | –           | 03/03/13 | M   | 134/138 | 225/ -  | 175/179 | - / -   | 227/243 | 306/322 | 227/231 |
|                       | Gab-2382 | –                              | –          | –           | 06/03/13 |     | 134/138 | 225/225 | 175/179 | 298/302 | 227/243 | 306/322 | 227/231 |
|                       | Gab-2383 | –                              | –          | –           | 06/03/13 |     | 134/138 | 225/225 | 175/179 | 298/302 | 227/243 | 306/322 | 227/231 |
| MA-ID-217             | Gab-2402 | –                              | –          | –           | 07/03/13 |     | 134/138 | 225/225 | 175/179 | 298/302 | 227/243 | 306/322 | 227/231 |
|                       | Gab-2385 | –                              | –          | –           | 06/03/13 | M   | 150     | 221/233 | 167/179 | 294/294 | 231/243 | 310/338 | 227/227 |
| MA-ID-218             | Gab-2345 | –                              | –          | +           | 03/03/13 | M   | 166/182 | 185/245 | 175/179 | 298/306 | 231/235 | 306/326 | 223/239 |
|                       | Gab-2351 | –                              | +          | –           | 03/03/13 |     | 166/182 | 185/245 | 175/179 | 298/306 | 231/235 | 306/326 | 223/239 |
|                       | Gab-2353 | –                              | –          | +           | 03/03/13 |     | 166/182 | 185/245 | 175/179 | 298/306 | 231/235 | 306/326 | 223/ -  |
|                       | Gab-2354 | –                              | –          | –           | 03/03/13 |     | 166/182 | 185/245 | 175/179 | 298/306 | 231/235 | 306/326 | 223/239 |
|                       | Gab-2355 | –                              | +          | +           | 03/03/13 |     | 166/182 | 185/245 | 175/179 | 298/306 | 231/235 | 306/326 | 223/239 |
|                       | Gab-2356 | –                              | –          | –           | 03/03/13 |     | 166/182 | 185/245 | 175/179 | 298/306 | 231/235 | 306/326 | 223/239 |
|                       | Gab-2358 | –                              | –          | +           | 03/03/13 |     | 166/182 | 185/245 | 175/179 | 298/306 | 231/235 | 306/326 | 223/239 |
|                       | Gab-2360 | –                              | –          | +           | 03/03/13 |     | 166/182 | 185/245 | 175/179 | 298/306 | 231/235 | 306/326 | 223/239 |
|                       | Gab-2374 | –                              | –          | –           | 06/03/13 |     | 166/182 | 185/245 | 175/179 | 298/306 | 231/235 | 306/326 | 223/239 |
|                       | Gab-2376 | –                              | –          | –           | 06/03/13 |     | 166/182 | 185/245 | 175/179 | 298/306 | 231/235 | 306/326 | 223/239 |
|                       | Gab-2395 | –                              | –          | –           | 07/03/13 |     | 166/182 | 185/245 | 175/179 | 298/306 | 231/235 | 306/326 | 223/239 |
|                       | Gab-2396 | –                              | –          | –           | 07/03/13 |     | 166/182 | 185/245 | 175/179 | 298/306 | 231/235 | 306/326 | 223/239 |
|                       | Gab-2398 | –                              | –          | –           | 07/03/13 |     | 166/182 | 185/245 | 175/179 | 298/306 | 231/235 | 306/326 | 223/239 |
|                       | Gab-2346 | –                              | –          | –           | 03/03/13 | M   | 150/170 | 185/241 | 171/179 | 302/306 | 243/263 | 306/314 | 215/223 |
| MA-ID-219             | Gab-2352 | –                              | –          | –           | 03/03/13 |     | 150/170 | 185/241 | 171/179 | 302/306 | 243/263 | 306/314 | 215/223 |
|                       | Gab-2372 | –                              | –          | –           | 06/03/13 |     | 150/170 | 185/241 | 171/179 | 302/306 | 243/263 | 306/314 | 215/223 |
|                       | Gab-2377 | –                              | –          | –           | 06/03/13 |     | 150/170 | 185/241 | 171/179 | 302/306 | 243/263 | 306/314 | 215/223 |
|                       | Gab-2381 | –                              | –          | –           | 06/03/13 | F   | 138/146 | 229/245 | 167/179 | 294/294 | 223/247 | 314/322 | 231/235 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| MA-ID-221             | Gab-2344 | –                              | –          | –           | 03/03/13 | M   | 138/146 | 221/225 | 167/187 | 290/294 | 235/243 | 322/338 | 211/219 |
|                       | Gab-2349 | –                              | –          | –           | 03/03/13 |     | 138/146 | 221/225 | 167/187 | 290/294 | 235/243 | 322/338 | 211/219 |
|                       | Gab-2370 | –                              | –          | –           | 03/03/13 |     | 138/146 | 221/225 | 167/187 | 290/294 | 235/243 | 322/338 | 211/219 |
|                       | Gab-2375 | –                              | –          | –           | 06/03/13 |     | 138/146 | 221/225 | 167/187 | 290/294 | 235/243 | 322/338 | 211/219 |
|                       | Gab-2386 | –                              | –          | –           | 06/03/13 |     | 138/146 | 221/225 | 167/187 | 290/294 | 235/243 | 322/338 | 211/219 |
|                       | Gab-2394 | –                              | –          | –           | 07/03/13 |     | 138/146 | 221/225 | 167/187 | 290/294 | 235/243 | 322/338 | 211/219 |
|                       | Gab-2401 | –                              | –          | –           | 07/03/13 |     | 138/146 | 221/225 | 167/187 | 290/294 | 235/243 | 322/338 | 211/219 |
|                       | Gab-2403 | –                              | –          | –           | 07/03/13 |     | 138/146 | 221/225 | 167/187 | 290/294 | 235/243 | 322/338 | 211/219 |
|                       | Gab-2404 | +                              | –          | –           | 07/03/13 |     | 138/146 | - / -   | 167/187 | 290/294 | 235/243 | - / -   | 211/219 |
| MA-ID-222             | Gab-2350 | –                              | –          | –           | 03/03/13 | M   | 170/170 | 217/225 | 179/183 | 250/298 | 231/235 | 310/322 | 215/239 |
| MA-ID-223             | Gab-2265 | –                              | /          | /           | 20/12/12 | F   | 170/170 | 185/233 | 151/179 | 274/298 | - / -   | 322/322 | - / -   |
| MA-ID-224             | Gab-2380 | –                              | –          | –           | 06/03/13 | F   | 138/146 | 225/229 | 175/179 | 294/302 | 223/235 | 314/322 | 227/231 |
|                       | Gab-2384 | –                              | –          | –           | 06/03/13 |     | 138/146 | 225/229 | 175/179 | 294/302 | 223/235 | 314/322 | 227/231 |
| <b>ML site</b>        |          |                                |            |             |          |     |         |         |         |         |         |         |         |
| ML-ID-01              | Gab-1406 | +                              | +          | –           | 16/01/12 | F   | 162/170 | 225/229 | 167/179 | 290/306 | 231/235 | 322/326 | 223/227 |
| ML-ID-02              | Gab-1120 | +                              | +          | –           | 21/07/11 | M   | 150/170 | 221/237 | 167/183 | 302/302 | 235/255 | 306/310 | 231/231 |
| ML-ID-03              | Gab-1387 | +                              | +          | –           | 16/01/12 | F   | 134/170 | 225/237 | 179/187 | 282/306 | 247/255 | 306/306 | 211/227 |
|                       | Gab-1394 | +                              | +          | –           | 16/01/12 |     | 134/170 | 225/237 | 179/187 | 282/306 | 247/255 | 306/306 | 211/227 |
|                       | Gab-1398 | +                              | –          | –           | 16/01/12 |     | 134/170 | 225/237 | 179/187 | 282/306 | 247/255 | 306/306 | 211/227 |
|                       | Gab-1399 | +                              | –          | –           | 16/01/12 |     | 134/170 | 225/237 | 179/187 | 282/306 | 247/255 | 306/306 | 211/227 |
|                       | Gab-1402 | +                              | –          | –           | 16/01/12 |     | 134/170 | 225/237 | 179/187 | 282/306 | 247/255 | 306/306 | 211/227 |
|                       | Gab-1403 | +                              | –          | –           | 16/01/12 |     | 134/170 | 225/237 | 179/187 | 282/306 | 247/255 | 306/306 | 211/227 |
|                       | Gab-1407 | +                              | –          | –           | 16/01/12 |     | 134/170 | 225/237 | 179/187 | 282/306 | 247/255 | 306/306 | 211/227 |
|                       | Gab-1427 | +                              | +          | +           | 16/01/12 |     | 134/170 | 225/237 | 179/187 | 282/306 | 247/255 | 306/306 | 211/227 |
|                       | Gab-1428 | +                              | –          | –           | 16/01/12 |     | 134/170 | 225/237 | 179/187 | 282/306 | 247/255 | 306/306 | 211/227 |
|                       | Gab-1429 | +                              | +          | –           | 16/01/12 |     | 134/170 | 225/237 | 179/187 | 282/306 | 247/255 | 306/306 | 211/227 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| ML-ID-04              | Gab-1430 | +                              | –          | –           | 16/01/12 |     | 134/170 | 225/237 | 179/187 | 282/306 | 247/255 | 306/306 | 211/227 |
|                       | Gab-1431 | +                              | –          | –           | 16/01/12 |     | 134/170 | 225/237 | 179/187 | 282/306 | 247/255 | 306/306 | 211/227 |
|                       | Gab-1435 | +                              | –          | –           | 16/01/12 |     | 134/170 | 225/237 | 179/187 | 282/306 | 247/255 | 306/306 | 211/227 |
|                       | Gab-1440 | +                              | –          | –           | 16/01/12 |     | 134/170 | 225/237 | 179/187 | 282/306 | 247/255 | 306/306 | 211/227 |
|                       | Gab-1389 | +                              | –          | –           | 16/01/12 | F   | 162/170 | 225/229 | 167/179 | 290/306 | 231/235 | 302/322 | 223/227 |
|                       | Gab-1391 | +                              | –          | –           | 16/01/12 |     | 162/170 | 225/229 | 167/179 | 290/306 | 231/235 | 302/322 | 223/227 |
|                       | Gab-1393 | +                              | –          | –           | 16/01/12 |     | 162/170 | 225/229 | 167/179 | 290/306 | 231/235 | 302/322 | 223/227 |
|                       | Gab-1395 | +                              | –          | –           | 16/01/12 |     | 162/170 | 225/229 | 167/179 | 290/306 | 231/235 | 302/322 | 223/227 |
|                       | Gab-1396 | +                              | –          | –           | 16/01/12 |     | 162/170 | 225/229 | 167/179 | 290/306 | 231/235 | 302/322 | 223/227 |
|                       | Gab-1401 | +                              | –          | –           | 16/01/12 |     | 162/170 | 225/229 | 167/179 | 290/306 | 231/235 | 302/322 | 223/227 |
|                       | Gab-1404 | +                              | –          | –           | 16/01/12 |     | 162/170 | 225/229 | 167/179 | 290/306 | 231/235 | 302/322 | 223/227 |
|                       | Gab-1408 | +                              | –          | –           | 16/01/12 |     | 162/170 | 225/229 | 167/179 | 290/306 | 231/235 | 302/322 | 223/227 |
|                       | Gab-1432 | +                              | +          | –           | 16/01/12 |     | 162/170 | 225/229 | 167/179 | 290/306 | 231/235 | 302/322 | 223/227 |
|                       | Gab-1436 | +                              | –          | –           | 16/01/12 |     | 162/170 | 225/ -  | 167/179 | 290/306 | 231/ -  | 302/322 | 223/227 |
|                       | Gab-1437 | +                              | –          | –           | 16/01/12 |     | 162/170 | 225/229 | 167/179 | 290/306 | 231/235 | 302/322 | 223/227 |
| ML-ID-05              | Gab-1438 | +                              | –          | –           | 16/01/12 |     | 162/170 | 225/229 | 167/179 | 290/306 | 231/235 | 302/322 | 223/227 |
|                       | Gab-1439 | +                              | –          | –           | 16/01/12 |     | 162/170 | 225/229 | 167/179 | 290/306 | 231/235 | 302/322 | 223/227 |
|                       | Gab-1379 | –                              | /          | /           | 11/01/12 | F   | 158/166 | 197/209 | 167/175 | 290/306 | 223/239 | 310/322 | 227/231 |
|                       | Gab-1380 | –                              | /          | /           | 11/01/12 |     | 158/166 | 197/209 | 167/175 | 290/306 | 223/239 | 310/322 | 227/231 |
| ML-ID-06              | Gab-1390 | +                              | –          | –           | 16/01/12 | F   | 134/150 | 201/237 | 179/187 | 282/298 | 255/263 | 306/306 | 227/239 |
| ML-ID-07              | Gab-1422 | +                              | –          | –           | 11/01/12 | F   | 154/166 | 181/181 | 183/191 | 254/262 | 231/255 | 290/294 | 187/191 |
| ML-ID-08              | Gab-1397 | +                              | –          | –           | 16/01/12 | F   | 162/170 | -/257   | 167/179 | 290/306 | 231/235 | 302/322 | 223/227 |
| ML-ID-09              | Gab-1400 | +                              | –          | –           | 16/01/12 |     | 162/170 | 229/257 | 167/179 | 290/306 | 231/235 | 302/322 | 223/227 |
|                       | Gab-1818 | –                              | /          | /           | 13/09/12 | M   | 162/170 | 225/237 | 175/183 | 274/294 | 231/235 | 306/322 | 215/227 |
|                       | Gab-1819 | –                              | /          | /           | 13/09/12 |     | 162/170 | 225/237 | 175/183 | 274/294 | 231/235 | 306/322 | 215/227 |
|                       | Gab-1820 | –                              | /          | /           | 13/09/12 |     | 162/170 | 225/237 | 175/183 | 274/294 | 231/235 | 306/322 | 215/227 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| ML-ID-10              | Gab-1822 | –                              | /          | /           | 13/09/12 |     | 162/170 | 225/237 | 175/183 | 274/294 | 231/235 | 306/322 | 215/227 |
|                       | Gab-1825 | –                              | /          | /           | 13/09/12 |     | 162/ -  | 225/237 | 175/183 | 274/294 | 231/235 | 306/322 | 215/227 |
|                       | Gab-1827 | –                              | /          | /           | 13/09/12 |     | 162/170 | 225/237 | 175/183 | 274/294 | 231/235 | 306/322 | 215/227 |
|                       | Gab-1828 | –                              | /          | /           | 13/09/12 |     | 162/170 | 225/237 | 175/183 | 274/294 | 231/235 | 306/322 | 215/227 |
|                       | Gab-1829 | –                              | /          | /           | 13/09/12 |     | 162/170 | 225/237 | 175/183 | 274/294 | 231/235 | 306/322 | 215/227 |
|                       | Gab-1830 | –                              | /          | /           | 13/09/12 |     | 162/170 | 225/237 | 175/183 | 274/294 | 231/235 | 306/322 | 215/227 |
|                       | Gab-1835 | –                              | /          | /           | 13/09/12 |     | 162/170 | -/ -    | 175/183 | 274/294 | 231/235 | 306/ -  | 215/227 |
|                       | Gab-1852 | –                              | /          | /           | 14/09/12 |     | 162/170 | 225/ -  | 175/183 | 274/-   | 231/235 | -/ -    | 215/227 |
|                       | Gab-1856 | –                              | /          | /           | 14/09/12 |     | 162/170 | 225/ -  | 175/183 | 274/ -  | 231/235 | 306/322 | 215/227 |
|                       | Gab-1854 | –                              | /          | /           | 14/09/12 |     | 162/170 | 225/ -  | 175/183 | 274/ -  | 231/235 | 306/322 | 215/227 |
|                       | Gab-1855 | –                              | /          | /           | 14/09/12 |     | 162/170 | -/ -    | 175/183 | -/ -    | 231/235 | 306/322 | 215/227 |
|                       | Gab-1842 | –                              | /          | /           | 14/09/12 | M   | 134/150 | 197/ -  | 167/167 | -/302   | 255/255 | 310/318 | 231/279 |
|                       | Gab-1843 | +                              | /          | /           | 14/09/12 |     | 134/150 | 197/ -  | 167/167 | 274/302 | 255/255 | 310/318 | 231/279 |
|                       | Gab-1846 | –                              | /          | /           | 14/09/12 |     | 134/150 | 197/ -  | 167/ -  | 274/302 | 255/255 | 310/318 | 231/279 |
|                       | Gab-1882 | –                              | /          | /           | 14/09/12 |     | 134/150 | 197/237 | 167/167 | 274/302 | 255/255 | 310/318 | 231/231 |
|                       | Gab-1883 | –                              | /          | /           | 14/09/12 |     | 134/150 | 197/237 | 167/167 | 274/302 | 255/255 | 310/318 | 231/231 |
|                       | Gab-1884 | –                              | /          | /           | 14/09/12 |     | 134/150 | 197/237 | 167/167 | 274/302 | 255/255 | 310/318 | 231/231 |
|                       | Gab-1895 | –                              | /          | /           | 15/09/12 |     | 134/150 | 197/237 | 167/167 | 274/302 | 255/255 | 310/318 | 231/231 |
|                       | Gab-1899 | –                              | /          | /           | 15/09/12 |     | 134/150 | 197/237 | 167/167 | 274/302 | -/255   | 310/318 | 231/231 |
| ML-ID-11              | Gab-1918 | +                              | –          | –           | 14/09/12 | F   | 154/158 | 177/237 | 179/187 | 258/ -  | 215/247 | 318/326 | 231/231 |
| ML-ID-12              | Gab-1844 | +                              | –          | –           | 13/09/12 | M   | 134/158 | 173/197 | 167/183 | 274/302 | 255/267 | 310/318 | 231/279 |
| ML-ID-13              | Gab-1858 | +                              | +          | –           | 14/09/12 | F   | 158/170 | -/221   | 179/183 | 286/302 | -/267   | 318/326 | 219/239 |
| ML-ID-14              | Gab-1868 | –                              | /          | /           | 14/09/12 | F   | 150/170 | 229/241 | 167/187 | 298/302 | 231/243 | 302/306 | 219/239 |
| ML-ID-15              | Gab-1869 | –                              | /          | /           | 14/09/12 | M   | 166/170 | 193/197 | 175/175 | 282/290 | 231/239 | 306/322 | 231/235 |
|                       | Gab-1891 | –                              | /          | /           | 14/09/12 |     | 166/170 | 193/197 | 175/175 | 282/290 | 231/239 | 306/322 | 231/235 |
| ML-ID-16              | Gab-1892 | –                              | /          | /           | 15/09/12 | F   | 134/150 | 193/229 | 179/183 | 290/298 | 235/243 | 310/322 | 219/239 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| ML-ID-17              | Gab-1872 | –                              | /          | /           | 14/09/12 |     | 134/150 | 193/229 | 179/183 | 290/298 | 235/243 | 310/322 | 219/239 |
|                       | Gab-1873 | –                              | /          | /           | 14/09/12 |     | 134/150 | 193/229 | 179/183 | 290/298 | 235/243 | 310/322 | 219/239 |
|                       | Gab-1874 | –                              | /          | /           | 14/09/12 |     | 134/150 | 193/229 | 179/183 | 290/298 | 235/243 | 310/322 | 219/239 |
|                       | Gab-1875 | +                              | –          | –           | 14/09/12 |     | 134/150 | 193/229 | 179/183 | 290/298 | 235/243 | 310/322 | 219/239 |
|                       | Gab-1876 | –                              | /          | /           | 14/09/12 |     | 134/150 | 193/229 | 179/183 | 290/298 | 235/243 | 310/322 | 219/239 |
|                       | Gab-1878 | –                              | /          | /           | 14/09/12 |     | 134/150 | 193/229 | 179/183 | 290/298 | 235/243 | 310/322 | 219/239 |
|                       | Gab-1879 | –                              | /          | /           | 14/09/12 |     | 134/150 | 193/229 | 179/183 | 290/298 | 235/243 | 310/322 | 219/239 |
|                       | Gab-1880 | –                              | /          | /           | 14/09/12 |     | 134/150 | 193/229 | 179/183 | 290/298 | 235/243 | 310/322 | 219/239 |
|                       | Gab-1881 | –                              | /          | /           | 14/09/12 |     | 134/150 | 193/229 | 179/183 | 290/298 | 235/243 | 310/322 | 219/239 |
|                       | Gab-1885 | –                              | /          | /           | 14/09/12 | F   | 158/158 | 193/217 | 175/183 | 298/302 | 231/231 | 318/322 | 219/243 |
|                       | Gab-1886 | –                              | /          | /           | 14/09/12 |     | 158/158 | 193/217 | 175/183 | 298/302 | 231/231 | 318/322 | 219/243 |
| ML-ID-18              | Gab-1887 | –                              | /          | /           | 14/09/12 |     | 158/158 | 193/217 | 175/183 | 298/302 | 231/231 | 318/322 | 219/243 |
|                       | Gab-1888 | –                              | /          | /           | 14/09/12 | M   | 150/170 | 225/241 | 175/ -  | 294/ -  | 231/251 | 306/310 | 227/231 |
| ML-ID-19              | Gab-1894 | –                              | /          | /           | 15/09/12 | M   | 166/174 | 193/197 | 175/175 | 282/290 | 231/239 | 306/322 | -/ -    |
| <b>IY site</b>        |          |                                |            |             |          |     |         |         |         |         |         |         |         |
| IY-ID-01              | Gab-2103 | –                              | /          | /           | 06/12/12 | M   | 134/150 | 201/ -  | 183/191 | 290/298 | 215/227 | 318/322 | 211/ -  |
| IY-ID-02              | Gab-2102 | –                              | /          | /           | 06/12/12 | M   | 134/150 | 225/ -  | 183/191 | 290/290 | 187/215 | -/ -    | 211/ -  |
| IY-ID-03              | Gab-2106 | –                              | /          | /           | 06/12/12 | F   | 170/174 | 225/245 | 183/183 | 274/286 | 215/235 | 302/ -  | 223/223 |
| IY-ID-04              | Gab-2108 | +                              | –          | –           | 07/12/12 | M   | 150/166 | 201/241 | 179/183 | 290/302 | 243/255 | 306/318 | 211/231 |
|                       | Gab-2109 | +                              | –          | –           | 07/12/12 |     | 150/166 | 201/241 | 179/183 | 290/302 | 243/255 | 306/318 | 211/231 |
|                       | Gab-2110 | +                              | –          | –           | 07/12/12 |     | 150/166 | 201/241 | 179/183 | 290/302 | 243/255 | 306/318 | 211/231 |
|                       | Gab-2111 | +                              | –          | –           | 07/12/12 |     | 150/166 | 201/241 | 179/183 | 290/302 | 243/255 | 306/318 | 211/231 |
|                       | Gab-2112 | +                              | –          | –           | 07/12/12 |     | 150/166 | 201/241 | 179/183 | 290/302 | 243/255 | 306/318 | 211/231 |
|                       | Gab-2113 | +                              | –          | –           | 07/12/12 |     | 150/166 | 201/241 | 179/183 | 290/302 | 243/255 | 306/318 | 211/231 |
|                       | Gab-2114 | +                              | –          | –           | 07/12/12 |     | 150/166 | 201/241 | 179/183 | 290/302 | 243/255 | 306/318 | 211/231 |
|                       | Gab-2115 | +                              | –          | –           | 07/12/12 |     | 150/166 | 201/241 | 179/183 | 290/302 | 243/255 | 306/318 | 211/231 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| IY-ID-05              | Gab-2116 | +                              | +          | –           | 07/12/12 |     | 150/166 | 201/241 | 179/183 | 290/302 | 243/255 | 306/318 | 211/231 |
|                       | Gab-2117 | +                              | –          | –           | 07/12/12 |     | 150/166 | 201/241 | 179/183 | 290/302 | 243/255 | 306/318 | 211/231 |
|                       | Gab-2120 | –                              | /          | /           | 10/12/12 | F   | 146/186 | 225/245 | 179/183 | 278/306 | 235/243 | 306/314 | 227/235 |
| IY-ID-06              | Gab-2136 | –                              | /          |             | 07/12/12 | F   | 138/170 | 221/229 | 183/199 | 294/306 | 223/227 | 306/318 | –/243   |
| IY-ID-07              | Gab-2141 | –                              | /          | /           | 07/12/12 |     | 138/170 | 221/229 | 183/199 | 294/306 | 223/227 | 306/318 | 223/243 |
|                       | Gab-2137 | +                              | –          | –           | 07/12/12 | F   | 154/166 | 225/225 | 179/187 | 302/306 | 235/239 | 306/310 | 227/243 |
|                       | Gab-2140 | –                              | /          | /           | 07/12/12 | M   | 138/166 | 185/225 | 179/179 | 290/302 | 239/255 | 306/322 | 219/243 |
| IY-ID-09              | Gab-2142 | +                              | –          | –           | 09/12/12 | M   | 150/182 | 225/225 | 179/183 | 298/310 | 255/255 | 318/330 | 219/231 |
| IY-ID-10              | Gab-2146 | +                              | –          | –           | 09/12/12 |     | 150/150 | –/225   | 179/183 | 298/310 | 255/255 | 318/330 | 219/231 |
|                       | Gab-2143 | +                              | –          | –           | 09/12/12 | F   | 146/170 | 197/221 | 179/183 | 298/302 | 231/235 | 302/314 | 219/235 |
|                       | Gab-2144 | +                              | –          | –           | 09/12/12 |     | 146/170 | 197/221 | 179/183 | 298/302 | 231/235 | 302/314 | 219/235 |
| IY-ID-11              | Gab-2145 | +                              | –          | –           | 09/12/12 |     | 146/170 | 197/221 | 179/183 | 298/302 | 231/235 | 302/314 | 219/235 |
|                       | Gab-2149 | –                              | /          | /           | 09/12/12 | M   | 150/170 | 217/225 | 179/183 | 274/298 | 231/231 | 306/310 | 219/227 |
|                       | Gab-2148 | –                              | /          | /           | 09/12/12 | M   | –/150   | 217/225 | 179/179 | 274/298 | 231/255 | 306/310 | 219/235 |
| <b>OD site</b>        |          |                                |            |             |          |     |         |         |         |         |         |         |         |
| OD-ID-01              | Gab-2405 | –                              | /          | /           | 04/04/13 | M   | 158/166 | 245/245 | 167/183 | 298/306 | 231/251 | 310/330 | 219/239 |
|                       | Gab-2406 | –                              | /          | /           | 04/04/13 |     | 158/166 | 245/245 | 167/183 | 298/306 | 231/251 | 310/330 | 219/239 |
|                       | Gab-2407 | –                              | /          | /           | 04/04/13 |     | 158/166 | 245/245 | 167/183 | 298/306 | 231/251 | 310/330 | 219/239 |
| OD-ID-02              | Gab-2408 | –                              | /          | /           | 04/04/13 | F   | 150/174 | 193/225 | 175/179 | 290/314 | 243/247 | 306/310 | 219/235 |
|                       | Gab-2409 | –                              | /          | /           | 04/04/13 |     | 150/174 | 193/ –  | –/ –    | 290/314 | 243/247 | 310/310 | 219/235 |
| OD-ID-03              | Gab-2443 | –                              | /          | /           | 11/04/13 | M   | 134/162 | 201/249 | 175/179 | 302/306 | 231/231 | 318/322 | 191/219 |
| OD-ID-04              | Gab-2416 | +                              | –          | –           | 04/04/13 | M   | 158/170 | 205/225 | 167/183 | 254/302 | 235/255 | 322/ –  | 219/231 |
|                       | Gab-2419 | +                              | –          | –           | 04/04/13 |     | 158/170 | 205/225 | 167/183 | 302/302 | 235/255 | 306/322 | 219/231 |
| OD-ID-05              | Gab-2412 | –                              | /          | /           | 04/04/13 | F   | 174/174 | –/ –    | 175/179 | 290/314 | 215/243 | 310/ –  | 235/ –  |
| OD-ID-06              | Gab-2422 | –                              | /          | /           | 04/04/13 | M   | 170/174 | 237/237 | 179/179 | 302/302 | 235/235 | 306/322 | 219/231 |
|                       | Gab-2423 | –                              | /          | /           | 08/04/13 |     | 170/174 | 237/237 | 179/179 | 302/302 | 235/235 | 306/322 | 219/231 |

Table S1. *Cont.*

| Individual<br>MA site | Lab Code | Fecal<br>Antibody<br>Detection | RT-PCR     |             | Sampling |     | Loci    |         |         |         |         |         |         |
|-----------------------|----------|--------------------------------|------------|-------------|----------|-----|---------|---------|---------|---------|---------|---------|---------|
|                       |          |                                | <i>pol</i> | <i>gp41</i> | Date     | Sex | D18S536 | D4S243  | D10S676 | D9S922  | D2S1326 | D2S1333 | D4S1627 |
| OD-ID-07              | Gab-2424 | –                              | /          | /           | 08/04/13 |     | 170/174 | 237/237 | 179/179 | 302/302 | 235/235 | 306/322 | 219/231 |
|                       | Gab-2413 | –                              | /          | /           | 08/04/13 |     | 170/174 | 237/237 | 179/179 | 302/302 | 231/235 | 306/322 | 219/231 |
|                       | Gab-2414 | –                              | /          | /           | 04/04/13 | M   | 158/170 | 205/245 | 167/179 | 290/306 | 231/255 | 306/322 | 223/227 |
|                       | Gab-2415 | –                              | /          | /           | 04/04/13 |     | 158/170 | 205/245 | 167/179 | 290/306 | 231/255 | 306/322 | 223/227 |
| OD-ID-08              | Gab-2420 | –                              | /          | /           | 02/04/17 | F   | 162/166 | 205/225 | 167/187 | 298/302 | 235/243 | 322/322 | 219/227 |
|                       | Gab-2421 | –                              | /          | /           | 02/04/17 |     | 162/166 | 205/225 | 167/187 | 298/302 | 235/243 | 322/322 | 219/227 |
| OD-ID-09              | Gab-2425 | –                              | /          | /           | 08/04/13 | M   | 154/162 | 225/245 | 179/183 | 298/302 | 243/255 | 306/330 | 227/227 |
|                       | Gab-2426 | –                              | /          | /           | 08/04/13 |     | 154/162 | 225/245 | 179/183 | 298/302 | 243/255 | 306/330 | 227/227 |
|                       | Gab-2427 | –                              | /          | /           | 08/04/13 |     | 154/162 | 225/245 | 179/183 | 298/302 | 243/255 | 306/330 | 227/227 |
| OD-ID-10              | Gab-2428 | +                              | –          | –           | 08/04/13 | M   | 154/166 | 225/237 | 175/179 | 298/302 | 251/255 | 306/318 | 219/227 |
| OD-ID-11              | Gab-2429 | –                              | /          | /           | 08/04/13 | M   | 146/150 | 173/197 | 191/191 | 282/286 | 247/255 | 330/338 | 227/247 |
| OD-ID-12              | Gab-2430 | –                              | /          | /           | 08/04/13 | F   | 146/146 | 185/225 | 179/ -  | 274/298 | 247/255 | 306/ -  | 219/219 |
|                       | Gab-2431 | –                              | /          | /           | 08/04/13 |     | 146/146 | 185/225 | 179/179 | 274/298 | 247/ -  | 306/306 | 219/219 |
|                       | Gab-2432 | –                              | /          | /           | 08/04/13 |     | 146/146 | 185/225 | 179/179 | 274/298 | 247/255 | 306/306 | 219/219 |
| OD-ID-13              | Gab-2433 | –                              | /          | /           | 08/04/13 | F   | 166/174 | 225/229 | 175/183 | 274/302 | 235/259 | 314/318 | 231/231 |
|                       | Gab-2434 | –                              | /          | /           | 08/04/13 |     | 166/174 | 225/229 | 175/183 | 274/302 | 235/259 | 314/318 | 231/231 |
| OD-ID-14              | Gab-2435 | –                              | /          | /           | 08/04/13 | F   | -/ -    | 225/229 | 175/183 | 302/302 | 215/ -  | -/ -    | 231/231 |
| OD-ID-15              | Gab-2436 | –                              | /          | /           | 08/04/13 | M   | 134/170 | 225/225 | 171/179 | -/298   | 235/235 | 306/306 | 219/243 |
|                       | Gab-2437 | –                              | /          | /           | 08/04/13 |     | 134/170 | 225/225 | 171/179 | 298/298 | 235/235 | 306/306 | 219/243 |
| OD-ID-16              | Gab-2438 | –                              | /          | /           | 08/04/13 | F   | 146/150 | 185/221 | 167/179 | 298/314 | 235/255 | 306/310 | 219/219 |
|                       | Gab-2439 | –                              | /          | /           | 08/04/13 |     | 146/150 | 185/221 | 167/179 | 298/314 | 235/255 | 306/310 | 219/219 |
|                       | Gab-2440 | +                              | –          | –           | 08/04/13 |     | 146/150 | 185/221 | 167/179 | 298/314 | 235/255 | 306/310 | 219/219 |
| OD-ID-17              | Gab-2441 | –                              | /          | /           | 11/04/13 |     | 146/150 | 185/221 | 167/179 | 298/314 | 235/255 | 306/310 | 219/219 |
|                       | Gab-2442 | +                              | –          | –           | 11/04/13 | F   | 138/162 | 229/229 | 167/175 | 298/310 | 223/231 | 306/322 | 215/231 |

**Table S2.** *pol* and *env* genes primers.

| Fragment              | Primers <sup>a</sup>                                                                          | SIZE (bp) |
|-----------------------|-----------------------------------------------------------------------------------------------|-----------|
| <i>Env (gp41)/nef</i> |                                                                                               |           |
| First round           | GP40F1 (5'-TTAGGCAGGGATACTCACCTTTGTCGTT-3')<br>GP41R1 (3'-TCTTAGGAGCAGCGGAAGCACTATGGG-5')     |           |
| Second round          | gp46F2 (5'-ACAATTATTGTCTGGTATAGTGCAACAGCA-3')<br>gp48R2 (5'-TCCTACTATCATTATGAATATTTTATATA-3') | 400       |
| First round           | Mak-gp41-F1 (5'-AGCCATAGAAGCGCAACAACA-3')<br>Mak-gp41-R1 (3'-TCCAAAGGCTGTCCCATTGACT-5')       |           |
| Second round          | Mak-gp41-F2 (5'-AAGCTCGATTACTTGCTGTGGA-3')<br>Mak-gp41-R2 (3'-TGTGCTGCTTCTAATAATCCA-5')       | 200       |
| First round           | Mak-gp41-F1<br>GP41NEFR1 (3'-CCCWTCCAGTCCCCCCTTTCC-5')                                        |           |
| Second round          | Mak-gp41-F2<br>GP41NEFR2 (3'-TCCCCCTTTTCTTTTAAAAA-5')                                         | 900       |
| First round           | Mak-gp120-F1 (5'-ATCCAACAGGGGGAGASATGASAG-3')<br>Mak-gp41-R1                                  |           |
|                       | Mak-gp120-F2 (5'- GCCTTTGGACTRGGAGCACTGTTC-3')<br>Mak-gp41-R2                                 | 400       |
| <i>Pol</i>            |                                                                                               |           |
| First round           | POLIS 4 (5'-CCAGCNCACAAAGGNATAGGAGG-3')<br>POLOR (3'-ACBACYGCNCCTTCHCCTTTC-5')                |           |
| Second round          | POLIS2 (5'-TGGCARATRGAYTGYACNCAYNTRGAA-3')<br>UNI2 (3'-CCCCTATTCCTCCCCTTCTTTTAAAA-5')         | 400       |
| First round           | Mak-pol-F1 (5'-AGAAGCAGAAGTAATACCAGCAGA-3')<br>Mak-pol-R1 (3'-TGAAGACTGCCATTTGTACTGC-5')      |           |
| Second round          | Mak-pol-F2 (5'-AGAAACTGGGCAGGAAACA-3')<br>Mak-pol-R2 (3'-TGGATTCTACCACTCCTTGACT-5')           | 200       |
| First round           | Mak-pol-F1                                                                                    |           |
| Second round          | Mak-pol-F2<br>Mak-pol-R4 (3'- CAGKAGMGTTGCTGGTCCTTTCC-5')                                     | 400       |

<sup>a</sup> Y= C ou T; W= A ou T; R= A ou G; H= A ou C ou T; B= C ou G ou T; M= A ou C;  
S= G ou C; K= G ou T; V= G ou A ou C; D= G ou A ou T; N= A ou G ou C ou T, I= inosine.

**Table S3.** List of individuals with parental relations (LOD score at 95% confidence). In bold: SIV+ individuals. Lines in grey highlight pair of individuals both infected with SIV.

| Offspring ID     | Sex      | Loci typed | Candidate ID     | Sex      | Loci typed | Pair loci compared | Pair loci mismatching | Pair LOD score 95% confidence |
|------------------|----------|------------|------------------|----------|------------|--------------------|-----------------------|-------------------------------|
| <b>MA-ID-003</b> | <b>F</b> | 6          | <b>MA-ID-077</b> | <b>F</b> | 7          | 6                  | 0                     | 9.20631263573333E+0000        |
| <b>MA-ID-011</b> | <b>F</b> | 7          | <b>MA-ID-106</b> | <b>M</b> | 6          | 6                  | 0                     | 8.71732786431274E+0000        |
| <b>MA-ID-016</b> | <b>M</b> | 7          | <b>MA-ID-066</b> | <b>M</b> | 7          | 7                  | 0                     | 1.03258696694692E+0001        |
| <b>MA-ID-019</b> | <b>M</b> | 7          | <b>MA-ID-105</b> | <b>M</b> | 6          | 6                  | 0                     | 1.06164413824542E+0001        |
| <b>MA-ID-024</b> | <b>M</b> | 7          | <b>MA-ID-119</b> | <b>F</b> | 7          | 7                  | 0                     | 9.03188969324528E+0000        |
| <b>MA-ID-025</b> | <b>F</b> | 7          | <b>MA-ID-108</b> | <b>M</b> | 7          | 7                  | 0                     | 8.64547545182475E+0000        |
| <b>MA-ID-031</b> | <b>M</b> | 6          | <b>MA-ID-066</b> | <b>M</b> | 7          | 6                  | 0                     | 9.52953898624894E+0000        |
| <b>MA-ID-042</b> | <b>M</b> | 7          | <b>MA-ID-112</b> | <b>F</b> | 7          | 7                  | 0                     | 7.42363745044281E+0000        |
| <b>MA-ID-045</b> | <b>M</b> | 7          | <b>MA-ID-093</b> | <b>M</b> | 7          | 7                  | 0                     | 7.63167387777519E+0000        |
| <b>MA-ID-059</b> | <b>M</b> | 7          | <b>MA-ID-063</b> | <b>F</b> | 7          | 7                  | 0                     | 7.94735817350110E+0000        |
| <b>MA-ID-061</b> | <b>F</b> | 7          | <b>MA-ID-191</b> | <b>M</b> | 7          | 7                  | 0                     | 8.22965964966609E+0000        |
| <b>MA-ID-062</b> | <b>M</b> | 7          | <b>MA-ID-135</b> | <b>M</b> | 7          | 7                  | 0                     | 7.45696284268206E+0000        |
| <b>MA-ID-063</b> | <b>F</b> | 7          | <b>MA-ID-059</b> | <b>M</b> | 7          | 7                  | 0                     | 7.94735817350110E+0000        |
| <b>MA-ID-066</b> | <b>M</b> | 7          | <b>MA-ID-016</b> | <b>M</b> | 7          | 7                  | 0                     | 1.03258696694692E+0001        |
| <b>MA-ID-067</b> | <b>M</b> | 7          | <b>MA-ID-151</b> | <b>M</b> | 7          | 7                  | 0                     | 7.40396412882428E+0000        |
| <b>MA-ID-077</b> | <b>F</b> | 7          | <b>MA-ID-003</b> | <b>F</b> | 6          | 6                  | 0                     | 9.20631263573333E+0000        |
| MA-ID-082        | F        | 7          | MA-ID-152        | F        | 7          | 7                  | 0                     | 9.61822896769296E+0000        |
| MA-ID-089        | M        | 7          | MA-ID-092        | F        | 7          | 7                  | 0                     | 7.90355114867577E+0000        |
| MA-ID-092        | F        | 7          | MA-ID-089        | M        | 7          | 7                  | 0                     | 7.90355114867577E+0000        |
| MA-ID-093        | M        | 7          | <b>MA-ID-045</b> | <b>M</b> | 7          | 7                  | 0                     | 7.63167387777519E+0000        |
| MA-ID-105        | M        | 6          | <b>MA-ID-019</b> | <b>M</b> | 7          | 6                  | 0                     | 1.06164413824542E+0001        |
| MA-ID-106        | M        | 6          | <b>MA-ID-011</b> | <b>F</b> | 7          | 6                  | 0                     | 8.71732786431274E+0000        |
| MA-ID-108        | M        | 7          | <b>MA-ID-025</b> | <b>F</b> | 7          | 7                  | 0                     | 8.64547545182475E+0000        |
| MA-ID-110        | M        | 6          | MA-ID-105        | M        | 6          | 6                  | 0                     | 1.02931044631218E+0001        |
| MA-ID-112        | F        | 7          | <b>MA-ID-042</b> | <b>M</b> | 7          | 7                  | 0                     | 7.42363745044281E+0000        |
| MA-ID-119        | F        | 7          | <b>MA-ID-024</b> | <b>M</b> | 7          | 7                  | 0                     | 9.03188969324528E+0000        |

Table S3. *Cont.*

| Offspring ID     | Sex      | Loci typed | Candidate ID     | Sex      | Loci typed | Pair loci compared | Pair loci mismatching | Pair LOD score 95% confidence |
|------------------|----------|------------|------------------|----------|------------|--------------------|-----------------------|-------------------------------|
| MA-ID-125        | F        | 7          | MA-ID-190        | F        | 7          | 7                  | 0                     | 1.02453660493331E+0001        |
| <b>MA-ID-126</b> | <b>M</b> | 7          | <b>MA-ID-191</b> | <b>M</b> | 7          | 7                  | 0                     | 1.06373885013764E+0001        |
| <b>MA-ID-129</b> | <b>M</b> | 7          | MA-ID-211        | F        | 7          | 7                  | 0                     | 8.76633053818609E+0000        |
| <b>MA-ID-132</b> | <b>M</b> | 7          | <b>MA-ID-210</b> | <b>F</b> | 7          | 7                  | 0                     | 8.04771000599110E+0000        |
| MA-ID-135        | M        | 7          | <b>MA-ID-062</b> | <b>M</b> | 7          | 7                  | 0                     | 7.45696284268206E+0000        |
| MA-ID-140        | M        | 7          | MA-ID-196        | F        | 7          | 7                  | 0                     | 8.76273390364319E+0000        |
| MA-ID-146        | F        | 7          | MA-ID-147        | F        | 7          | 7                  | 0                     | 7.94002177333959E+0000        |
| MA-ID-147        | F        | 7          | MA-ID-146        | F        | 7          | 7                  | 0                     | 7.94002177333959E+0000        |
| MA-ID-151        | M        | 7          | <b>MA-ID-067</b> | <b>M</b> | 7          | 7                  | 0                     | 7.40396412882428E+0000        |
| MA-ID-152        | F        | 7          | MA-ID-082        | F        | 7          | 7                  | 0                     | 9.61822896769296E+0000        |
| <b>MA-ID-164</b> | <b>F</b> | 5          | OD-ID-05         | F        | 4          | 4                  | 0                     | 7.36133316452040E+0000        |
| MA-ID-190        | F        | 7          | MA-ID-125        | F        | 7          | 7                  | 0                     | 1.02453660493331E+0001        |
| <b>MA-ID-191</b> | <b>M</b> | 7          | <b>MA-ID-126</b> | <b>M</b> | 7          | 7                  | 0                     | 1.06373885013764E+0001        |
| MA-ID-196        | F        | 7          | MA-ID-140        | M        | 7          | 7                  | 0                     | 8.76273390364319E+0000        |
| MA-ID-200        | M        | 7          | <b>MA-ID-202</b> | <b>F</b> | 7          | 7                  | 0                     | 8.39781646625790E+0000        |
| <b>MA-ID-202</b> | <b>F</b> | 7          | MA-ID-200        | M        | 7          | 7                  | 0                     | 8.39781646625790E+0000        |
| <b>MA-ID-210</b> | <b>F</b> | 7          | <b>MA-ID-132</b> | <b>M</b> | 7          | 7                  | 0                     | 8.04771000599110E+0000        |
| MA-ID-211        | F        | 7          | <b>MA-ID-129</b> | <b>M</b> | 7          | 7                  | 0                     | 8.76633053818609E+0000        |
| MA-ID-208        | M        | 7          | <b>MA-ID-129</b> | <b>M</b> | 7          | 7                  | 0                     | 8.00648375493281E+0000        |
| <b>ML-ID-01</b>  | <b>F</b> | 7          | <b>ML-ID-04</b>  | <b>F</b> | 7          | 7                  | 0                     | 7.35898553068168E+0000        |
| <b>ML-ID-03</b>  | <b>F</b> | 7          | <b>ML-ID-06</b>  | <b>F</b> | 7          | 7                  | 0                     | 9.96649430023361E+0000        |
| <b>ML-ID-04</b>  | <b>F</b> | 7          | <b>ML-ID-08</b>  | <b>F</b> | 7          | 7                  | 0                     | 8.69085564946904E+0000        |
| <b>ML-ID-06</b>  | <b>F</b> | 7          | <b>ML-ID-03</b>  | <b>F</b> | 7          | 7                  | 0                     | 9.96649430023361E+0000        |
| <b>ML-ID-08</b>  | <b>F</b> | 7          | <b>ML-ID-04</b>  | <b>F</b> | 7          | 7                  | 0                     | 8.69085564946904E+0000        |
| ML-ID-10         | M        | 7          | <b>ML-ID-12</b>  | <b>M</b> | 7          | 7                  | 0                     | 1.49649746398789E+0001        |
| <b>ML-ID-12</b>  | <b>M</b> | 7          | ML-ID-10         | M        | 7          | 7                  | 0                     | 1.49649746398789E+0001        |

**Table S3. *Cont.***

| Offspring ID | Sex | Loci typed | Candidate ID     | Sex | Loci typed | Pair loci compared | Pair loci mismatching | Pair LOD score 95% confidence |
|--------------|-----|------------|------------------|-----|------------|--------------------|-----------------------|-------------------------------|
| ML-ID-15     | M   | 7          | ML-ID-19         | M   | 7          | 7                  | 0                     | 1.19097804392944E+0001        |
| ML-ID-19     | M   | 7          | ML-ID-15         | M   | 7          | 7                  | 0                     | 1.19097804392944E+0001        |
| IY-ID-01     | M   | 7          | IY-ID-02         | M   | 4          | 4                  | 0                     | 8.34143968584609E+0000        |
| IY-ID-02     | M   | 4          | IY-ID-01         | M   | 7          | 4                  | 0                     | 8.34143968584609E+0000        |
| OD-ID-02     | F   | 7          | OD-ID-03         | M   | 5          | 5                  | 0                     | 9.17690161329226E+0000        |
| OD-ID-03     | M   | 5          | OD-ID-02         | F   | 7          | 5                  | 0                     | 9.17690161329226E+0000        |
| OD-ID-05     | F   | 4          | <b>MA-ID-164</b> |     | 5          | 4                  | 0                     | 7.36133316452040E+0000        |