**Supplementary Table 1:** genetic dataset encompassing the nucleotide sequences of *Coenagrion mercuriale* found in NCBI Genbank. Sample ID, sampling country, depository accessions, and haplotypes are reported for each nuclear marker and for the combination of the two mitochondrial markers.

| **Sample ID** | **Country** | **16s rRNA** | **COI** | **COI+16s rRNA HAPLOTYPE** | **MLC** | **MLC HAPLOTYPE** | **PRMT** | **PRMT HAPLOTYPE** | **AgT** | **Agt HAPLOTYPE** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Df1018\_ESP | Spain | KP272180 | KP272399 | MT1 | KP272932 | MLC7, MLC8 | KP272802 | PRMT19 | KR922843 | AgT19, AgT20 |
| Df1020\_ESP | Spain | KP272181 | KP272400 | MT2 | KP272933 | MLC7 | KP272803 | PRMT10, PRMT14 | KR922825 | AgT9 |
| Df1021\_ESP | Spain | KP272182 | KP272401 | MT3 | KP272934 | MLC7 | KP272804 | PRMT11, PRMT14 | \_ | \_ |
| Df1022\_ESP | Spain | KP272183 | KP272402 | MT2 | KP272935 | MLC7, MLC9 | KP272805 | PRMT10, PRMT14 | KR922833 | AgT9, AgT13 |
| Df1155\_DZA | Algeria | KP272185 | KP272404 | MT4 | KR922886 | MLC4 | KP272806 | PRMT7 | KM248403 | AgT4 |
| Df1159\_DZA | Algeria | KP272186 | KP272405 | MT5 | KP272939 | MLC4, MLC10 | KP272807 | PRMT7 | KR922871 | AgT5, AgT8 |
| Df1161\_DZA | Algeria | KP272187 | KP272406 | MT5 | KP272940 | MLC6 | KP272808 | PRMT7 | \_ | \_ |
| Df1162\_DZA | Algeria | KP272188 | KP272407 | MT5 | KP272941 | MLC4 | KP272809 | PRMT7 | KR922885 | AgT29 |
| Df1163\_DZA | Algeria | KP272189 | KP272408 | MT4 | KP272942 | MLC4, MLC6 | KP272810 | PRMT7 | \_ | \_ |
| Df1164\_DZA | Algeria | KP272190 | KP272409 | MT5 | KP272943 | MLC4, MLC6 | KP272811 | PRMT7 | KR922880 | AgT25, AgT26 |
| Df1165\_DZA | Algeria | KP272191 | KP272410 | MT5 | KP272944 | MLC6 | KP272812 | PRMT20, PRMT21 | \_ | \_ |
| Df1166\_DZA | Algeria | KP272192 | KP272411 | MT5 | KP272945 | MLC11, MLC12 | KP272813 | PRMT7 | \_ | \_ |
| Df1170\_DZA | Algeria | KP272193 | KP272412 | MT4 | KP272946 | MLC6, MLC11 | KP272814 | PRMT7 | \_ | \_ |
| Df1171\_DZA | Algeria | KP272194 | KP272413 | MT5 | KP272947 | MLC4 | KP272815 | PRMT7 | KR922879 | AgT4, AgT26 |
| Df1217\_ITA | Italy | KP272195 | KP272414 | MT6 | KP272948 | MLC1, MLC2 | KP272816 | PRMT2 | KM248393 | AgT1 |
| Df1218\_ITA | Italy | KP272196 | KP272415 | MT6 | KP272949 | MLC1 | KP272817 | PRMT2 | KR922868 | AgT1 |
| Df1219\_ITA | Italy | KP272197 | KP272416 | MT6 | KP272950 | MLC1 | KP272818 | PRMT1 | KM248395 | AgT2 |
| Df1220\_ITA | Italy | KP272198 | KP272417 | MT6 | KM248443 | MLC1 | KP272819 | PRMT1, PRMT2 | \_ | \_ |
| Df1221\_ITA | Italy | KP272199 | KP272418 | MT7 | KP272951 | MLC1 | KP272820 | PRMT2 | KR922856 | AgT2 |
| Df1222\_ITA | Italy | KP272200 | KP272419 | MT6 | KP272952 | MLC1 | KP272821 | PRMT2 | KR922857 | AgT2 |
| Df1223\_ITA | Italy | KP272201 | KP272420 | MT6 | KP272953 | MLC1 | KP272822 | PRMT2 | KM248397, KM248398 | AgT2, AgT3 |
| Df1229\_ITA | Italy | KP272205 | KP272424 | MT6 | KP272957 | MLC1, MLC2 | KP272823 | PRMT1 | \_ | \_ |
| Df1231\_ITA | Italy | KP272206 | KP272425 | MT6 | KP272958 | MLC1, MLC2 | KP272824 | PRMT1, PRMT3 | KR922867 | AgT1 |
| Df1255\_ESP | Spain | KP272207 | KP272426 | MT8 | KP272959 | MLC7 | KP272825 | PRMT10, PRMT14 | KR922844 | AgT20, AgT21 |
| Df1257\_ESP | Spain | KP272208 | KP272427 | MT9 | KP272960 | MLC7 | KP272826 | PRMT14 | \_ | \_ |
| Df1258\_ESP | Spain | KP272209 | KP272428 | MT2 | KP272961 | MLC7, MLC8 | KP272827 | PRMT14 | \_ | \_ |
| Df1259\_ESP | Spain | KP272210 | KP272429 | MT2 | KP272962 | MLC7 | KP272828 | PRMT10, PRMT12 | \_ | \_ |
| Df1260\_ESP | Spain | KP272211 | KP272430 | MT2 | KP272963 | MLC7, MLC13 | KP272829 | PRMT14 | \_ | \_ |
| Df1261\_ESP | Spain | KP272212 | KP272431 | MT10 | KP272964 | MLC7 | KP272830 | PRMT10, PRMT11 | KR922826 | AgT9 |
| Df1262\_ESP | Spain | KP272213 | KP272432 | MT11 | KP272965 | MLC7 | \_ | \_ | \_ | \_ |
| Df1263\_ESP | Spain | KP272214 | KP272433 | MT12 | KP272966 | MLC7 | KP272831 | PRMT10, PRMT22 | KR922828 | AgT9, AgT10 |
| Df1265\_ESP | Spain | KP272215 | KP272434 | MT13 | KP272967 | MLC8 | KP272832 | PRMT14 | \_ | \_ |
| Df1266\_ESP | Spain | KP272216 | KP272435 | MT13 | KP272968 | MLC7, MLC9 | KP272833 | PRMT11, PRMT14 | \_ | \_ |
| Df1267\_ESP | Spain | KP272217 | KP272436 | MT13 | KP272969 | MLC7 | KP272834 | PRMT11 | KR922832 | AgT9 |
| Df1268\_ESP | Spain | KP272218 | KP272437 | MT2 | KP272970 | MLC13 | KP272835 | PRMT14 | \_ | \_ |
| Df1269\_ESP | Spain | KP272219 | KP272438 | MT14 | \_ | \_ | KP272836 | PRMT11, PRMT14 | KR922827 | AgT9 |
| Df1270\_ESP | Spain | KP272220 | KP272439 | MT15 | KP272971 | MLC14 | KP272837 | PRMT14 | \_ | \_ |
| Df1272\_ESP | Spain | KP272221 | KP272440 | MT9 | KP272972 | MLC7 | KP272838 | PRMT11, PRMT14 | \_ | \_ |
| Df1274\_ESP | Spain | KP272222 | KP272441 | MT16 | KP272973 | MLC7 | KP272839 | PRMT10, PRMT11 | \_ | \_ |
| Df1278\_ESP | Spain | KP272223 | KP272442 | MT17 | KP272974 | MLC7 | KP272840 | PRMT11 | \_ | \_ |
| Df1285\_ESP | Spain | KP272224 | KP272443 | MT2 | KP272975 | MLC7 | KP272841 | PRMT11, PRMT14 | \_ | \_ |
| Df1286\_ESP | Spain | KP272225 | KP272444 | MT14 | KP272976 | MLC7 | KP272842 | PRMT10, PRMT11 | KR922841 | AgT17 |
| Df1289\_ESP | Spain | KP272226 | KP272445 | MT2 | KP272977 | MLC7 | KP272843 | PRMT11 | KR922839 | AgT16 |
| Df1290\_ESP | Spain | KP272227 | KP272446 | MT2 | KP272978 | MLC7 | KP272844 | PRMT11, PRMT16 | \_ | \_ |
| Df1292\_ESP | Spain | KP272228 | KP272447 | MT18 | KP272979 | MLC7 | KP272845 | PRMT10, PRMT11 | KR922838 | AgT9, AgT15 |
| Df1295\_ITA | Italy | KP272229 | KP272448 | MT19 | KM248447 | MLC1 | KP272846 | PRMT2 | \_ | \_ |
| Df1296\_ITA | Italy | KP272230 | KP272449 | MT19 | KP272980 | MLC1 | KP272847 | PRMT1, PRMT2 | KR922866 | AgT1 |
| Df1297\_ITA | Italy | KP272231 | KP272450 | MT20 | KP272981 | MLC1, MLC2 | KP272848 | PRMT1 | KR922859 | AgT2 |
| Df1303\_FRA | France | KP272232 | KP272451 | MT21 | KP272982 | MLC7 | KP272849 | PRMT11, PRMT14 | \_ | \_ |
| Df1304\_FRA | France | \_ | \_ | \_ | KP272983 | MLC7, MLC13 | \_ | \_ | \_ | \_ |
| Df1306\_FRA | France | KP272233 | KP272452 | MT21 | KP272984 | MLC7 | KP272850 | PRMT13, PRMT14 | \_ | \_ |
| Df1307\_GBR | UK | KP272234 | KP272453 | MT21 | KP272985 | MLC13 | KP272851 | PRMT13 | KR922853 | AgT20 |
| Df1308\_GBR | UK | KP272235 | KP272454 | MT21 | KP272986 | MLC7, MLC13 | KP272852 | PRMT13 | KR922854 | AgT20 |
| Df1311\_GBR | UK | KP272236 | KP272455 | MT21 | KP272987 | MLC7 | KP272853 | PRMT11 | \_ | \_ |
| Df1328\_ITA | Italy | KP272237 | KP272456 | MT19 | KP272988 | MLC1 | KP272854 | PRMT2 | KR922858 | AgT2 |
| Df1332\_ITA | Italy | KP272238 | KP272457 | MT19 | KP272989 | MLC1 | KP272855 | PRMT1, PRMT2 | \_ | \_ |
| Df1333\_DEU | Germany | KP272239 | \_ | \_ | KP272990 | MLC7, MLC13 | \_ | \_ | \_ | \_ |
| Df1335\_DEU | Germany | KP272240 | \_ | \_ | KP272991 | MLC13 | \_ | \_ | \_ | \_ |
| Df1336\_DEU | Germany | KP272241 | KP272458 | MT21 | KP272992 | MLC7, MLC13 | KP272856 | PRMT11 | KR922834 | AgT14 |
| Df1338\_DEU | Germany | KP272242 | \_ | \_ | KP272993 | MLC13 | \_ | \_ | \_ | \_ |
| Df1339\_DEU | Germany | KP272243 | \_ | \_ | KP272994 | MLC13 | \_ | \_ | \_ | \_ |
| Df1344\_DEU | Germany | KP272244 | \_ | \_ | KP272995 | MLC7 | \_ | \_ | \_ | \_ |
| Df1345\_DEU | Germany | \_ | \_ | \_ | KP272996 | MLC13 | \_ | \_ | \_ | \_ |
| Df1347\_DEU | Germany | KP272245 | KP272459 | MT21 | KP272997 | MLC7, MLC13 | KP272857 | PRMT11 | \_ | \_ |
| Df1348\_DEU | Germany | KP272246 | KP272460 | MT21 | KP272998 | MLC13 | KP272858 | PRMT13 | \_ | \_ |
| Df1350\_DEU | Germany | KP272247 | KP272461 | MT21 | KP272999 | MLC7, MLC13 | KP272859 | PRMT13, PRMT23 | KR922835 | AgT14 |
| Df1351\_DEU | Germany | KP272248 | KP272462 | MT21 | KP273000 | MLC7 | KP272860 | PRMT11, PRMT24 | \_ | \_ |
| Df1357\_FRA | France | KP272249 | KP272463 | MT22 | KP273001 | MLC13 | KP272861 | PRMT11 | \_ | \_ |
| Df1358\_FRA | France | KP272250 | KP272464 | MT23 | KP273002 | MLC7, MLC13 | KP272862 | PRMT11 | \_ | \_ |
| Df1360\_FRA | France | KP272251 | KP272465 | MT24 | KP273003 | MLC7 | KP272863 | PRMT11, PRMT13 | \_ | \_ |
| Df1362\_FRA | France | KP272252 | KP272466 | MT25 | KP273004 | MLC7 | KP272864 | PRMT11 | KR922852 | AgT20 |
| Df1364\_FRA | France | KP272253 | KP272467 | MT21 | KP273005 | MLC13 | KP272865 | PRMT11 | \_ | \_ |
| Df1365\_FRA | France | KP272254 | KP272468 | MT21 | KP273006 | MLC13 | KP272866 | PRMT14 | KR922851 | AgT20 |
| Df1367\_FRA | France | KP272255 | KP272469 | MT21 | KP273007 | MLC7, MLC13 | KP272867 | PRMT13 | \_ | \_ |
| Df1369\_FRA | France | KP272256 | KP272470 | MT23 | KP273008 | MLC7 | KP272868 | PRMT13 | KR922850 | AgT20, AgT22 |
| Df1372\_FRA | France | KP272257 | KP272471 | MT22 | KP273009 | MLC7 | KP272869 | PRMT13 | \_ | \_ |
| Df1381\_FRA | France | KP272258 | KP272472 | MT26 | KP273010 | MLC7 | KP272870 | PRMT11 | \_ | \_ |
| Df1382\_FRA | France | KP272259 | KP272473 | MT27 | \_ | \_ | KP272871 | PRMT11 | \_ | \_ |
| Df1389\_GBR | UK | KP272260 | KP272474 | MT21 | KP273011 | MLC7 | KP272872 | PRMT13 | \_ | \_ |
| Df1390\_GBR | UK | KP272261 | \_ | \_ | KP273012 | MLC7 | \_ | \_ | \_ | \_ |
| Df1391\_GBR | UK | KP272262 | KP272475 | MT21 | KP273013 | MLC13 | KP272873 | PRMT13 | \_ | \_ |
| Df1392\_DEU | Germany | KP272263 | KP272476 | MT21 | KP273014 | MLC7 | KP272874 | PRMT11 | \_ | \_ |
| Df1393\_GBR | UK | KP272264 | KP272477 | MT21 | KP273015 | MLC7 | KP272875 | PRMT11 | \_ | \_ |
| Df1396\_GBR | UK | KP272265 | KP272478 | MT21 | KP273016 | MLC7 | KP272876 | PRMT11, PRMT14 | KR922849 | AgT20 |
| Df1397\_GBR | UK | KP272266 | KP272479 | MT21 | KP273017 | MLC7 | KP272877 | PRMT11 | \_ | \_ |
| Df1398\_DEU | Germany | KP272267 | KP272480 | MT22 | KP273018 | MLC13 | KP272878 | PRMT13 | \_ | \_ |
| Df1400\_DEU | Germany | KP272268 | KP272481 | MT22 | KP273019 | MLC15 | KP272879 | PRMT11, PRMT13 | KR922836 | AgT14 |
| Df1411\_DEU | Germany | KP272269 | KP272482 | MT21 | KP273020 | MLC7, MLC13 | KP272880 | PRMT13, PRMT14 | \_ | \_ |
| Df1412\_DEU | Germany | KP272270 | KP272483 | MT21 | KP273021 | MLC7 | KP272881 | PRMT11 | \_ | \_ |
| Df1516\_GBR | UK | KP272271 | KP272484 | MT21 | KP273022 | MLC7, MLC13 | KP272882 | PRMT13 | \_ | \_ |
| Df1517\_GBR | UK | KP272272 | KP272485 | MT21 | KP273023 | MLC7 | KP272883 | PRMT13 | \_ | \_ |
| Df1520\_GBR | UK | KP272273 | KP272486 | MT21 | KP273024 | MLC7 | KP272884 | PRMT13 | \_ | \_ |
| Df1521\_FRA | France | KP272274 | \_ | \_ | KP273025 | MLC13 | \_ | \_ | \_ | \_ |
| Df1522\_FRA | France | KP272275 | \_ | \_ | KP273026 | MLC7 | \_ | \_ | \_ | \_ |
| Df1524\_ESP | Spain | KP272276 | KP272487 | MT2 | KP273027 | MLC7 | KP272885 | PRMT11, PRMT13 | KR922829 | AgT11 |
| Df1525\_ESP | Spain | \_ | \_ | \_ | KP273028 | MLC7 | \_ | \_ | \_ | \_ |
| Df1530\_GBR | UK | KP272277 | KP272488 | MT21 | KP273029 | MLC7, MLC13 | KP272886 | PRMT11, PRMT25 | KR922848 | AgT20 |
| Df1531\_GBR | UK | KP272278 | KP272489 | MT21 | KP273030 | MLC7 | KP272887 | PRMT11, PRMT25 | \_ | \_ |
| Df1532\_GBR | UK | KP272279 | KP272490 | MT21 | KP273031 | MLC7, MLC13 | KP272888 | PRMT11 | \_ | \_ |
| Df1533\_GBR | UK | \_ | \_ | \_ | KP273032 | MLC7, MLC13 | \_ | \_ | \_ | \_ |
| Df1534\_DEU | Germany | KP272280 | KP272491 | MT22 | KP273033 | MLC7, MLC13 | KP272889 | PRMT11, PRMT14 | \_ | \_ |
| Df1535\_DEU | Germany | KP272281 | KP272492 | MT28 | KP273034 | MLC7, MLC13 | KP272890 | PRMT11, PRMT13 | \_ | \_ |
| Df1536\_DEU | Germany | KP272282 | KP272493 | MT21 | KP273035 | MLC7, MLC13 | KP272891 | PRMT11 | \_ | \_ |
| Df1537\_DEU | Germany | KP272283 | KP272494 | MT21 | KP273036 | MLC13 | KP272892 | PRMT11, PRMT13 | \_ | \_ |
| Df1538\_DEU | Germany | KP272284 | KP272495 | MT22 | KP273037 | MLC7, MLC13 | KP272893 | PRMT11 | \_ | \_ |
| Df1539\_DEU | Germany | KP272285 | KP272496 | MT22 | KP273038 | MLC7 | KP272894 | PRMT13, PRMT14 | \_ | \_ |
| Df1541\_ESP | Spain | KP272286 | \_ | \_ | KP273039 | MLC7 | \_ | \_ | \_ | \_ |
| Df1542\_ESP | Spain | KP272287 | \_ | \_ | KP273040 | MLC7 | \_ | \_ | \_ | \_ |
| Df1543\_ESP | Spain | KP272288 | KP272497 | MT13 | KP273041 | MLC7 | \_ | \_ | \_ | \_ |
| Df1544\_ESP | Spain | KP272289 | KP272498 | MT13 | KP273042 | MLC7 | KP272895 | PRMT14, PRMT26 | \_ | \_ |
| Df1548\_ITA | Italy | \_ | \_ | \_ | KP273043 | MLC1 | \_ | \_ | \_ | \_ |
| Df1549\_ITA | Italy | \_ | \_ | \_ | KP273044 | MLC1 | \_ | \_ | \_ | \_ |
| Df1550\_ITA | Italy | \_ | \_ | \_ | KP273045 | MLC1 | \_ | \_ | \_ | \_ |
| Df1551\_ITA | Italy | \_ | \_ | \_ | KP273046 | MLC1 | \_ | \_ | \_ | \_ |
| Df1552\_ITA | Italy | \_ | \_ | \_ | KP273047 | MLC1 | \_ | \_ | \_ | \_ |
| Df1558\_ESP | Spain | \_ | \_ | \_ | KP273048 | MLC7, MLC13 | \_ | \_ | \_ | \_ |
| Df1560\_ESP | Spain | KP272290 | KP272499 | MT29 | KP273049 | MLC13, MLC16 | \_ | \_ | \_ | \_ |
| Df1561\_ESP | Spain | KP272291 | KP272500 | MT2 | KP273050 | MLC7 | KP272896 | PRMT10, PRMT14 | \_ | \_ |
| Df1562\_ESP | Spain | KP272292 | \_ | \_ | KP273051 | MLC7, MLC13 | \_ | \_ | \_ | \_ |
| Df1563\_ESP | Spain | KP272293 | KP272501 | MT2 | KP273052 | MLC7, MLC16 | KP272897 | PRMT10, PRMT11 | \_ | \_ |
| Df1564\_ESP | Spain | KP272294 | \_ | \_ | KP273053 | MLC7 | \_ | \_ | \_ | \_ |
| Df1572\_ITA | Italy | KP272298 | KP272505 | MT6 | KP273058 | MLC1 | KP272898 | PRMT2 | \_ | \_ |
| Df1573\_ITA | Italy | KP272299 | KP272506 | MT6 | KP273059 | MLC1 | KP272899 | PRMT2 | KR922865 | AgT1 |
| Df1574\_ITA | Italy | KP272300 | KP272507 | MT6 | KP273060 | MLC1 | KP272900 | PRMT2 | KR922864 | AgT1 |
| Df1577\_TUN | Tunisia | KP272301 | KP272508 | MT30 | KP273061 | MLC4 | KP272901 | PRMT7 | \_ | \_ |
| Df1578\_TUN | Tunisia | KP272302 | KP272509 | MT30 | KP273062 | MLC4, MLC17 | KP272902 | PRMT7, PRMT27 | \_ | \_ |
| Df1579\_TUN | Tunisia | KP272303 | KP272510 | MT30 | KP273063 | MLC4, MLC18 | KP272903 | PRMT7 | KR922878 | AgT4 |
| Df1580\_TUN | Tunisia | KP272304 | KP272511 | MT30 | KP273064 | MLC17, MLC19 | KP272904 | PRMT7 | KR922874 | AgT8 |
| Df1581\_TUN | Tunisia | KP272305 | KP272512 | MT5 | KP273065 | MLC6, MLC17 | KP272905 | PRMT7 | KR922882 | AgT28 |
| Df1582\_TUN | Tunisia | KP272306 | KP272513 | MT31 | KP273066 | MLC4, MLC17 | KP272906 | PRMT7, PRMT28 | \_ | \_ |
| Df1583\_TUN | Tunisia | KP272307 | KP272514 | MT30 | KP273067 | MLC4, MLC20 | KP272907 | PRMT7 | \_ | \_ |
| Df1584\_TUN | Tunisia | KP272308 | KP272515 | MT5 | KP273068 | MLC4 | KP272908 | PRMT29 | \_ | \_ |
| Df1585\_TUN | Tunisia | KP272309 | KP272516 | MT5 | KP273069 | MLC5, MLC6 | KP272909 | PRMT7 | KR922881 | AgT27 |
| Df1586\_TUN | Tunisia | \_ | \_ | \_ | KP273070 | MLC6 | \_ | \_ | \_ | \_ |
| Df1591\_PRT | Portugal | KP272310 | KP272517 | MT2 | KP273071 | MLC7 | KP272910 | PRMT10, PRMT14 | \_ | \_ |
| Df1592\_PRT | Portugal | KP272311 | \_ | \_ | KP273072 | MLC7 | \_ | \_ | \_ | \_ |
| Df1593\_PRT | Portugal | KP272312 | KP272518 | MT13 | KP273073 | MLC7 | KP272911 | PRMT15 | \_ | \_ |
| Df1594\_PRT | Portugal | KP272313 | KP272519 | MT32 | KP273074 | MLC7 | KP272912 | PRMT14 | KR922830 | AgT9, AgT12 |
| Df1595\_PRT | Portugal | KP272314 | KP272520 | MT33 | KP273075 | MLC7 | KP272913 | PRMT14 | KR922831 | AgT9 |
| Df1596\_PRT | Portugal | KP272315 | \_ | \_ | KP273076 | MLC7 | \_ | \_ | \_ | \_ |
| Df1616\_PRT | Portugal | KP272316 | KP272521 | MT2 | KP273077 | MLC7 | KP272914 | PRMT11 | \_ | \_ |
| Df1617\_PRT | Portugal | KP272317 | KP272522 | MT2 | KP273078 | MLC7 | KP272915 | PRMT11, PRMT14 | \_ | \_ |
| Df1650\_PRT | Portugal | KP272318 | KP272523 | MT2 | KP273079 | MLC7 | KP272916 | PRMT11, PRMT13 | \_ | \_ |
| Df1651\_PRT | Portugal | KP272319 | KP272524 | MT2 | KP273080 | MLC7 | KP272917 | PRMT14 | \_ | \_ |
| Df1653\_MAR | Morocco | KP272320 | KP272525 | MT5 | KP273081 | MLC4, MLC6 | KP272918 | PRMT7, PRMT30 | \_ | \_ |
| Df1654\_MAR | Morocco | KP272321 | KP272526 | MT5 | KP273082 | MLC6, MLC21 | \_ | \_ | \_ | \_ |
| Df1667\_MAR | Morocco | KP272322 | KP272527 | MT34 | KP273083 | MLC17 | KP272919 | PRMT7 | \_ | \_ |
| Df1672\_MAR | Morocco | KP272324 | \_ | \_ | KP273085 | MLC4, MLC6 | \_ | \_ | \_ | \_ |
| Df1673\_MAR | Morocco | KP272325 | KP272529 | MT35 | KP273086 | MLC3 | KP272920 | PRMT5 | \_ | \_ |
| Df1674\_MAR | Morocco | KP272326 | KP272530 | MT5 | KP273087 | MLC4, MLC6 | KP272921 | PRMT7, PRMT31 | \_ | \_ |
| Df1685\_MAR | Morocco | KP272327 | KP272531 | MT5 | KP273088 | MLC6 | KP272922 | PRMT5 | KR922876 | AgT24 |
| Df1686\_MAR | Morocco | KP272328 | \_ | \_ | KP273089 | MLC6, MLC22 | \_ | \_ | \_ | \_ |
| Df1687\_MAR | Morocco | KP272329 | KP272532 | MT5 | KP273090 | MLC4, MLC17 | KP272923 | PRMT7, PRMT32 | \_ | \_ |
| Df1688\_MAR | Morocco | KP272330 | KP272533 | MT5 | KP273091 | MLC6 | \_ | \_ | \_ | \_ |
| Df1697\_CHE | Switzerland | KP272331 | KP272534 | MT22 | KP273092 | MLC7, MLC23 | KP272924 | PRMT13, PRMT33 | \_ | \_ |
| Df1698\_CHE | Switzerland | KP272332 | KP272535 | MT22 | KP273093 | MLC13 | KP272925 | PRMT13, PRMT14 | \_ | \_ |
| Df1699\_CHE | Switzerland | KP272333 | KP272536 | MT22 | KP273094 | MLC13 | KP272926 | PRMT11, PRMT14 | KR922847 | AgT20 |
| Df1700\_CHE | Switzerland | KP272334 | KP272537 | MT22 | KP273095 | MLC13 | KP272927 | PRMT13 | KR922846 | AgT20 |
| Df247\_ITA | Italy | KP272351 | KP272551 | MT6 | KM248449 | MLC1 | KP272759 | PRMT2 | KM248399, KM248400 | AgT1, AgT2 |
| Df249\_ITA | Italy | KP272352 | KP272552 | MT6 | KM248451 | MLC1 | KP272760 | PRMT1, PRMT2 | \_ | \_ |
| Df250\_ITA | Italy | KP272353 | KP272553 | MT7 | KP273145 | MLC1 | KP272761 | PRMT2 | KR922863 | AgT1 |
| Df251\_ITA | Italy | KP272354 | KP272554 | MT36 | KP273146 | MLC1 | KP272762 | PRMT2 | \_ | \_ |
| Df253\_ITA | Italy | KP272355 | KP272555 | MT7 | KP273147 | MLC1 | KP272763 | PRMT2 | KR922862 | AgT1 |
| Df254\_ITA | Italy | KP272356 | KP272556 | MT7 | KP273148 | MLC1 | KP272764 | PRMT2 | KR922869 | AgT1 |
| Df257\_ITA | Italy | KP272357 | KP272557 | MT6 | KP273149 | MLC1 | KP272765 | PRMT1 | KM248401, KM248402 | AgT1, AgT2 |
| Df258\_ITA | Italy | KP272358 | KP272558 | MT6 | KP273150 | MLC1 | KP272766 | PRMT2 | KR922861 | AgT1 |
| Df259\_ITA | Italy | KP272359 | \_ | \_ | KP273151 | MLC1 | \_ | \_ | \_ | \_ |
| Df270\_ITA | Italy | KP272360 | KP272559 | MT7 | KP273152 | MLC1 | KP272767 | PRMT2, PRMT4 | KR922860 | AgT1, AgT2 |
| Df271\_ITA | Italy | KP272361 | \_ | \_ | KP273153 | MLC1 | \_ | \_ | \_ | \_ |
| Df272\_ITA | Italy | KP272362 | KP272560 | MT7 | KP273154 | MLC1 | KP272768 | PRMT4 | KR922855 | AgT1, AgT2 |
| Df273\_PRT | Portugal | KP272363 | KP272561 | MT2 | KP273155 | MLC7 | KP272769 | PRMT9, PRMT10 | KR922845 | AgT20 |
| Df274\_PRT | Portugal | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ | \_ |
| Df275\_PRT | Portugal | KP272364 | \_ | \_ | KP273156 | MLC7 | \_ | \_ | \_ | \_ |
| Df283\_MAR | Morocco | KP272365 | KP272562 | MT5 | KP273157 | MLC4, MLC21 | KP272770 | PRMT7 | KR922884 | AgT25 |
| Df284\_MAR | Morocco | KP272366 | KP272563 | MT5 | KP273158 | MLC3, MLC24 | KP272771 | PRMT7 | KR922883 | AgT7, AgT27 |
| Df288\_MAR | Morocco | KP272367 | KP272564 | MT5 | KP273159 | MLC3, MLC24 | KP272772 | PRMT7 | \_ | \_ |
| Df508\_PRT | Portugal | KP272368 | KP272565 | MT2 | \_ | \_ | KP272773 | PRMT11 | KR922840 | AgT15 |
| Df509\_PRT | Portugal | KP272369 | KP272566 | MT37 | KP273160 | MLC7 | KP272774 | PRMT10, PRMT11 | \_ | \_ |
| Df543\_PRT | Portugal | KP272370 | KP272567 | MT2 | KP273161 | MLC7 | KP272775 | PRMT10, PRMT12 | KR922842 | AgT18 |
| Df544\_PRT | Portugal | KP272371 | KP272568 | MT2 | KP273162 | MLC7 | KP272776 | PRMT11 | \_ | \_ |
| Df554\_PRT | Portugal | KP272372 | KP272569 | MT2 | KP273163 | MLC7 | KP272777 | PRMT10, PRMT13 | \_ | \_ |
| Df555\_PRT | Portugal | KP272373 | KP272570 | MT2 | KP273164 | MLC7 | KP272778 | PRMT10, PRMT14 | \_ | \_ |
| Df584\_ESP | Spain | KP272374 | KP272571 | MT2 | KP273165 | MLC7 | KP272779 | PRMT10, PRMT11 | \_ | \_ |
| Df585\_ESP | Spain | KP272375 | KP272572 | MT2 | KP273166 | MLC7 | KP272780 | PRMT15 | \_ | \_ |
| Df591\_ESP | Spain | KP272376 | KP272573 | MT2 | KP273167 | MLC7 | KP272781 | PRMT13, PRMT16 | \_ | \_ |
| Df593\_ESP | Spain | KP272377 | KP272574 | MT2 | KP273168 | MLC7 | KP272782 | PRMT10, PRMT13 | KR922837 | AgT9, AgT14 |
| Df823\_MAR | Morocco | KP272378 | KP272575 | MT38 | \_ | \_ | KP272783 | \_ | \_ | \_ |
| Df824\_MAR | Morocco | KP272379 | \_ | \_ | KP273169 | MLC5 | \_ | \_ | \_ | \_ |
| Df825\_MAR | Morocco | KP272380 | KP272576 | MT38 | KP273170 | MLC3, MLC5 | KP272784 | PRMT5, PRMT17 | \_ | \_ |
| Df826\_MAR | Morocco | KP272381 | KP272577 | MT38 | KP273171 | MLC5 | KP272785 | PRMT17 | \_ | \_ |
| Df827\_MAR | Morocco | KP272382 | KP272578 | MT39 | KP273172 | MLC5 | KP272786 | PRMT5 | \_ | \_ |
| Df828\_MAR | Morocco | KP272383 | KP272579 | MT38 | \_ | \_ | KP272787 | PRMT5 | \_ | \_ |
| Df829\_MAR | Morocco | KP272384 | KP272580 | MT38 | KP273173 | MLC3, MLC5 | KP272788 | PRMT5 | \_ | \_ |
| Df830\_MAR | Morocco | KP272385 | KP272581 | MT38 | KP273174 | MLC6, MLC25 | KP272789 | PRMT5 | KM248405 | AgT5 |
| Df831\_MAR | Morocco | KP272386 | KP272582 | MT38 | KP273175 | MLC5, MLC26 | KP272790 | PRMT5, PRMT17 | \_ | \_ |
| Df832\_MAR | Morocco | KP272387 | KP272583 | MT38 | KP273176 | MLC3, MLC5 | KP272791 | PRMT5 | KR922870 | AgT5 |
| Df833\_MAR | Morocco | KP272388 | KP272584 | MT38 | KP273177 | MLC3, MLC5 | KP272792 | PRMT5 | KR922872 | AgT5 |
| Df836\_MAR | Morocco | KP272389 | KP272585 | MT5 | KM248459 | MLC6 | KP272793 | PRMT6 | KR922873 | AgT8, AgT23 |
| Df837\_MAR | Morocco | KP272390 | KP272586 | MT40 | KP273178 | MLC4, MLC6 | KP272794 | PRMT7, PRMT18 | KR922877 | AgT25 |
| Df838\_MAR | Morocco | \_ | \_ | \_ | KP273179 | MLC3, MLC27 | \_ | \_ | \_ | \_ |
| Df840\_MAR | Morocco | KP272391 | KP272587 | MT5 | KP273180 | MLC5, MLC6 | KP272795 | PRMT7, PRMT8 | \_ | \_ |
| Df912\_MAR | Morocco | KP272392 | KP272588 | MT41 | KP273181 | MLC4, MLC6 | KP272796 | PRMT5, PRMT7 | KM248407 | AgT6 |
| Df913\_MAR | Morocco | KP272393 | KP272589 | MT42 | KP273182 | MLC6 | KP272797 | PRMT5, PRMT7 | KM248409 | AgT7 |
| Df951\_MAR | Morocco | KP272394 | KP272590 | MT5 | KP273183 | MLC4, MLC6 | KP272798 | PRMT7 | KM248411, KM248412 | AgT5, AgT8 |
| Df954\_MAR | Morocco | KP272395 | KP272591 | MT5 | KP273184 | MLC4, MLC28 | KP272799 | PRMT7 | KR922875 | AgT5, AgT7 |