

4339

4403

MVs/Valladolid.ESP/34.17/3 ACCGTAGTGCTCAGCAGTGGCCAAAAACAACCCCTCATAATGACAGCCAGAATGCCCGGACAA
 MVs/Cuenca.ESP/20.17 ACCGTAGTGCTCAGCAGTGGCCAAAAACAACCCCTCATAATGACAGCCAGAATGCCCGGACAA
 MVs/Navarra.ESP/18.17 ACCGTGGTGCTCAGCAGTGGCCAAAAACAACCCCTCATAATGACAGCCAGAATGCCCGGACAA
 MVs/Navarra.ESP/22.17/5 ACCGTAGTGCTCAGCAGTGGCCAAAAACAACCCCTCATAATGACAGCCAGAATGCCCGGACAA
 MVs/Navarra.ESP/23.17 ACCGTAGTGCTCAGCAGTGGCCAAAAACAACCCCTCATAATGACAGCCAGAATGCCCGGACAA
 MVs/Navarra.ESP/20.17 ACCGTAGTGCTCAGCAGTGGCCAAAAACAACCCCTCATAATGACAGCCAGAATGCCCGGACAA
 MVs/Valencia.ESP/47.17/47 ACCGTAGTGCTCAGCAGTGGCCAAAAACAACCCCTCATAATGACAGCCAGAATGCCCGGACAA
 MVs/Valencia.ESP/22.18/2 ACCGTAGTGCTCAGCAGTGGCCAAAAACAACCCCTCATAATGACAGCCAGAATGCCCGGACAA
 MVs/Valencia.ESP/21.18 ACCGTAGTGCTCAGCAGTGGCCAAAAACAACCCCTCATAATGACAGCCAGAATGCCCGGACAA
 MVs/Valencia.ESP/21.18/2 ACCGTAGTGCTCAGCAGTGGCCAAAAACAACCCCTCATAATGACAGCCAGAATGCCCGGACAA
 MVs/Valencia.ESP/28.28 ACCGTAGTGCTCAGCAGTGGCCAAAAACAACCCCTCATAATGACAGCCAGAATGCCCGGACAA
 MVs/Navarra.ESP/31.18 ACCGTAGTGCTCAGCAGTGGCAAAAAACAACCCCTCATAATGACAGCCAGAATGCCCGGACAA

4404

4468

MVs/Valladolid.ESP/34.17/3 AAAAGCCCCCTCCGAGAGACTCCACGGACCAAGCGAGAGGCCAGCTAGCAGCCGACGGCAAGCGC
 MVs/Cuenca.ESP/20.17 AAGGCCCCCTCCGAGAGACTCCACGGACCAAGCGAGAGGCCAGCTAGCAGCCGACGGCAAGCGC
 MVs/Navarra.ESP/18.17 GGGGCCCCCTCCGAGAGACTCCACGGACCAAGCGAGAGGCCAGCTAGCAGCCGACGGCAAGCGC
 MVs/Navarra.ESP/22.17/5 AAAAGCCCCCTCCGAGAGACTCCACGGACCAAGCGAGAGGCCAGCTAGCAGCCGACGGCAAGCGC
 MVs/Navarra.ESP/23.17 AAAAGCCCCCTCCGAGAGACTCCACGGACCAAGCGAGAGGCCAGCTAGCAGCCGACGGCAAGCGC
 MVs/Navarra.ESP/20.17 AAAAGCCCCCTCCGAGAGACTCCACGGACCAAGCGAGAGGCCAGCTAGCAGCCGACGGCAAGCGC
 MVs/Valencia.ESP/47.17/47 AAAAGCCCCCTCCGAGAGACTCCACGGACCAAGCGAGAGGCCAGCTAGCAGCCGACGGCAAGCGC
 MVs/Valencia.ESP/22.18/2 AAAAGCCCCCTCCGAGAGACTCCACGGACCAAGCGAGAGGCCAGCTAGCAGCCGACGGCAAGCGC
 MVs/Valencia.ESP/21.18 AAAAGCCCCCTCCGAGAGACTCCACGGACCAAGCGAGAGGCCAGCTAGCAGCCGACGGCAAGCGC
 MVs/Valencia.ESP/21.18/2 AAAAGCCCCCTCCGAGAGACTCCACGGACCAAGCGAGAGGCCAGCTAGCAGCCGACGGCAAGCGC
 MVs/Valencia.ESP/28.28 AAAAGCCCCCTCCGAGAGACTCCACGGACCAAGCGAGAGGCCAGCTAGCAGCCGACGGCAAGCGC
 MVs/Navarra.ESP/31.18 AAAAGCCCCCTCCGAGAGACTCCACGGACCAAGCGAGAGGCCAGCTAGCAGCCGACGGCAAGCGC

4469

4533

MVs/Valladolid.ESP/34.17/3 GAACACCAGGTGGCCCCAGCATAGGACAGTCCCGACCCAGGGCCACCACCAGCCGTCCCAATCCG
 MVs/Cuenca.ESP/20.17 GAACACCAGGTGGCCCCAGCATAGGACAGTCCCGACCCAGGGCCACCACCAGCCGTCCCAATCCG
 MVs/Navarra.ESP/18.17 GAACACCAGGTGGCCCCAGCATAGGACAGTCCCGACCCAGGGCCACCACCAGCCGTCCCAATCCG
 MVs/Navarra.ESP/22.17/5 GAACACCAGGTGGCCCCAGCATAGGACAGTCCCGACCCAGGGCCACCACCAGCCGTCCCAATCCG
 MVs/Navarra.ESP/23.17 GAACACCAGGTGGCCCCAGCATAGGACAGTCCCGACCCAGGGCCACCACCAGCCGTCCCAATCCG
 MVs/Navarra.ESP/20.17 GAACACCAGGTGGCCCCAGCATAGGACAGTCCCGACCCAGGGCCACCACCAGCCGTCCCAATCCG
 MVs/Valencia.ESP/47.17/47 GAACACCAGGTGGCCCCAGCATAGGACAGTCCCGACCCAGGGCCACCACCAGCCGTCCCAATCCG
 MVs/Valencia.ESP/22.18/2 GAACACCAGGTGGCCCCAGCATAGGACAGTCCCGACCCAGGGCCACCACCAGCCGTCCCAATCCG
 MVs/Valencia.ESP/21.18 GAACACCAGGTGGCCCCAGCATAGGACAGTCCCGACCCAGGGCCACCACCAGCCGTCCCAATCCG
 MVs/Valencia.ESP/21.18/2 GAACACCAGGTGGCCCCAGCATAGGACAGTCCCGACCCAGGGCCACCACCAGCCGTCCCAATCCG
 MVs/Valencia.ESP/28.28 GAACACCAGGTGGCCCCAGCATAGGACAGTCCCGACCCAGGGCCACCACCAGCCGTCCCAATCCG
 MVs/Navarra.ESP/31.18 GAACACCAGGTGGCCCCAGCATAGGACAGTCCCGACCCAGGGCCACCACCAGCCGTCCCAATCCG

4599

4663

MVs/Valladolid.ESP/34.17/3 CATCCCCACCACCCCGGGAAAGAAACCCCCAGGAGCTGGAAGGCCCTTCTCCCCCTCCCCCAAC
 MVs/Cuenca.ESP/20.17 CATCCCCACCACCCCGGGAAAGAAACCCCCAGGAGCTGGAAGGCCCTTCTCCCCCTCCCCCAAC
 MVs/Navarra.ESP/18.17 CATCCCCACCACCCCGGGAAAGAAACCCCCAGGAGCTGGAAGGCCCTTCTCCCCCTCCCCCAAC
 MVs/Navarra.ESP/22.17/5 CATCCCCACCACCCCGGGAAAGAAACCCCCAGGAGCTGGAAGGCCCTTCTCCCCCTCCCCCAAC
 MVs/Navarra.ESP/23.17 CATCCCCACCACCCCGGGAAAGAAACCCCCAGGAGCTGGAAGGCCCTTCTCCCCCTCCCCCAAC
 MVs/Navarra.ESP/20.17 CATCCCCACCACCCCGGGAAAGAAACCCCCAGGAGCTGGAAGGCCCTTCTCCCCCTCCCCCAAC
 MVs/Valencia.ESP/47.17/47 CATCCCCACCACCCCGGGAAAGAAACCCCCAGGAGCTGGAAGGCCCTTCTCCCCCTCCCCCAAC
 MVs/Valencia.ESP/22.18/2 CATCCCCACCACCCCGGGAAAGAAACCCCCAGGAGCTGGAAGGCCCTTCTCCCCCTCCCCCAAC
 MVs/Valencia.ESP/21.18 CATCCCCACCACCCCGGGAAAGAAACCCCCAGGAGCTGGAAGGCCCTTCTCCCCCTCCCCCAAC
 MVs/Valencia.ESP/21.18/2 CATCCCCACCACCCCGGGAAAGAAACCCCCAGGAGCTGGAAGGCCCTTCTCCCCCTCCCCCAAC
 MVs/Valencia.ESP/28.28 CATCCCCACCACCCCGGGAAAGAAACCCCCAGGAGCTGGAAGGCCCTTCTCCCCCTCCCCCAAC
 MVs/Navarra.ESP/31.18 CATCCCCACCACCCCGGGAAAGAAACCCCCAGGAGCTGGAAGGCCCTTCTCCCCCTCCCCCAAC

4664

4728

MVs/Valladolid.ESP/34.17/3	ACAAGAACCCCAACAACCGAACCGCACAAGCGAC	CGAGGTGACCCAACCAACAGGCAC	CGATTCCC
MVs/Cuenca.ESP/20.17	ACAAGAACCCCAACAACCGAACCGCACAAGCGAC	CGAGGTGACCCAACCAACAGGCAC	CGATTCCC
MVs/Navarra.ESP/18.17	ACAAGAACCCCAACAACCGAACCGCACAAGCGAC	CGAGGTGACCCAACCAACAGGCAC	CGATTCCC
MVs/Navarra.ESP/22.17/5	ACAAGAACCCCAACAACCGAACCGCACAAGCGAC	CGAGGTGACCCAACCAACAGGCAC	CGATTCCC
MVs/Navarra.ESP/23.17	ACAAGAACCCCAACAACCGAACCGCACAAGCGAC	CGAGGTGACCCAACCAACAGGCAC	CGATTCCC
MVs/Navarra.ESP/20.17	ACAAGAACCCCAACAACCGAACCGCACAAGCGAC	CGAGGTGACCCAACCAACAGGCAC	CGATTCCC
MVs/Valencia.ESP/47.17/47	ACAAGAACCCCAACAACCGAACCGCACAAGCGAC	CGAGGTGACCCAACCAACAGGCAC	CGATTCCC
MVs/Valencia.ESP/22.18/2	ACAAGAACCCCAACAACCGAACCGCACAAGCGAC	CGAGGTGACCCAACCAACAGGCAC	CGATTCCC
MVs/Valencia.ESP/21.18	ACAAGAACCCCAACAACCGAACCGCACAAGCGAC	CGAGGTGACCCAACCAACAGGCAC	CGATTCCC
MVs/Valencia.ESP/21.18/2	ACAAGAACCCCAACAACCGAACCGCACAAGCGAC	CGAGGTGACCCAACCAACAGGCAC	CGATTCCC
MVs/Valencia.ESP/28.28	ACAAGAACCCCAACAACCGAACCGCACAAGCGAC	CGAGGTGACCCAACCAACAGGCAC	CGATTCCC
MVs/Navarra.ESP/31.18	ACAAGAACCCCAACAACCGAACCGCACAAGCGAC	CGAGGTGACCCAACCAACAGGCAC	TCGATTCCC

4794

4858

MVs/Valladolid.ESP/34.17/3	AGAACCCAGACCCC	GGCCACGGCACCTCGCCCCA	ACCCCGACAACCAG	AGGGAGTCCC	CAAC
MVs/Cuenca.ESP/20.17	AGAACCCAGACCCC	GGCCACGGCACCTCGCCCCA	ACCCCGACAACCAG	AGGGAGTCCC	CAAC
MVs/Navarra.ESP/18.17	AGAACCCAGACCCC	GGCCACGGCACCTCGCCCCA	ACCCCGACAACCAG	AGGGAGTCCC	CAAC
MVs/Navarra.ESP/22.17/5	AGAACCCAGACCCC	GGCCACGGCACCTCGCCCCA	ACCCCGACAACCAG	AGGGAGTCCC	CAAC
MVs/Navarra.ESP/23.17	AGAACCCAGACCCC	GGCCACGGCACCTCGCCCCA	ACCCCGACAACCAG	AGGGAGTCCC	CAAC
MVs/Navarra.ESP/20.17	AGAACCCAGACCCC	GGCCACGGCACCTCGCCCCA	ACCCCGACAACCAG	AGGGAGTCCC	CAAC
MVs/Valencia.ESP/47.17/47	AGAACCCAGACCCC	AGCCACGGCACCTCGCCCCA	ACCCCGACAACCAG	AGGGAGTCCC	CAAC
MVs/Valencia.ESP/22.18/2	AGAACCCAGACCCC	AGCCACGGCACCTCGCCCCA	ACCCCGACAACCAG	AGGGAGTCCC	CAAC
MVs/Valencia.ESP/21.18	AGAACCCAGACCCC	AGCCACGGCACCTCGCCCCA	ACCCCGACAACCAG	AGGGAGTCCC	CAAC
MVs/Valencia.ESP/21.18/2	AGAACCCAGACCCC	AGCCACGGCACCTCGCCCCA	ACCCCGACAACCAG	AGGGAGTCCC	CAAC
MVs/Valencia.ESP/28.28	AGAACCCAGACCCC	AGCCACGGCACCTCGCCCCA	ACCCCGACAACCAG	AGGGAGTCCC	CAAC
MVs/Navarra.ESP/31.18	AGAACCCAGACCCC	GGCCACGGCACCTCGCCCCA	ACCCCGACAACCAG	GGGGAGTCCC	CAAC

4859

4923

MVs/Valladolid.ESP/34.17/3	CAATCCCTCCGGCCCCCGGTGCCACAGGCAGGCACACCAACCCCAAAACAGGC	TCAGCACCC
MVs/Cuenca.ESP/20.17	CAATCCCTCCGGCCCCCGGTGCCACAGGCAGGCACACCAACCCCAAAACAGGC	CCAGCACCC
MVs/Navarra.ESP/18.17	CAATCCCTCCGGCCCCCGGTGCCACAGGCAGGCACACCAACCCCAAAACAGGC	CCAGCACCC
MVs/Navarra.ESP/22.17/5	CAATCCCTCCGGCCCCCGGTGCCACAGGCAGGCACACCAACCCCAAAACAGGC	CCAGCACCC
MVs/Navarra.ESP/23.17	CAATCCCTCCGGCCCCCGGTGCCACAGGCAGGCACACCAACCCCAAAACAGGC	CCAGCACCC
MVs/Navarra.ESP/20.17	CAATCCCTCCGGCCCCCGGTGCCACAGGCAGGCACACCAACCCCAAAACAGGC	CCAGCACCC
MVs/Valencia.ESP/47.17/47	CAATCCCTCCGGCCCCCGGTGCCACAGGCAGGCACACCAACCCCAAAACAGGC	CCAGCACCC
MVs/Valencia.ESP/22.18/2	CAATCCCTCCGGCCCCCGGTGCCACAGGCAGGCACACCAACCCCAAAACAGGC	CCAGCACCC
MVs/Valencia.ESP/21.18	CAATCCCTCCGGCCCCCGGTGCCACAGGCAGGCACACCAACCCCAAAACAGGC	CCAGCACCC
MVs/Valencia.ESP/21.18/2	CAATCCCTCCGGCCCCCGGTGCCACAGGCAGGCACACCAACCCCAAAACAGGC	CCAGCACCC
MVs/Valencia.ESP/28.28	CAATCCCTCCGGCCCCCGGTGCCACAGGCAGGCACACCAACCCCAAAACAGGC	CCAGCACCC
MVs/Navarra.ESP/31.18	CAATCCCTCCGGCCCCCGGTGCCACAGGCAGGCACACCAACCCCAAAACAGGC	CCAGCACCC

4989

5053

MVs/Valladolid.ESP/34.17/3	ACAGCGAGGGAGCCACCCACACCACACACCACCACGG	CAAC	CAGACCAGAACCCAGACCACCCT
MVs/Cuenca.ESP/20.17	ACAGCGAGGGAGCCACCCACACCACACACCACCACGG	CAAC	CAGACCAGAACCCAGACCACCCT
MVs/Navarra.ESP/18.17	ACAGCGAGGGAGCCACCCACACCACACACCACCACGG	CAAC	CAGACCAGAACCCAGACCACCCT
MVs/Navarra.ESP/22.17/5	ACAGCGAGGGAGCCACCCACACCACACACCACCACGG	CAAC	TAGACCAGAACCCAGACCACCCT
MVs/Navarra.ESP/23.17	ACAGCGAGGGAGCCACCCACACCACACACCACCACGG	CAAC	CAGACCAGAACCCAGACCACCCT
MVs/Navarra.ESP/20.17	ACAGCGAGGGAGCCACCCACACCACACACCACCACGG	CAAC	CAGACCAGAACCCAGACCACCCT
MVs/Valencia.ESP/47.17/47	ACAGCGAGGGAGCCACCCACACCACACACCACCACGG	CAAC	CAGACCAGAACCCAGACCACCCT
MVs/Valencia.ESP/22.18/2	ACAGCGAGGGAGCCACCCACACCACACACCACCACGG	TAAC	CAGACCAGAACCCAGACCACCCT
MVs/Valencia.ESP/21.18	ACAGCGAGGGAGCCACCCACACCACACACCACCACGG	TAAC	CAGACCAGAACCCAGACCACCCT
MVs/Valencia.ESP/21.18/2	ACAGCGAGGGAGCCACCCACACCACACACCACCACGG	TAAC	CAGACCAGAACCCAGACCACCCT
MVs/Valencia.ESP/28.28	ACAGCGAGGGAGCCACCCACACCACACACCACCACGG	TAAC	CAGACCAGAACCCAGACCACCCT
MVs/Navarra.ESP/31.18	ACAGCGAGGGAGCCACCCACACCACACACCACCACGG	CAAC	CAGACCAGAACCCAGACCACCCT

5054

5118

MVs/Valladolid.ESP/34.17/3	GGGCCACCAACTCCCAG	ACCCGGCCACCGCCCTGCGGAAAGGGACGGCCACAACCCGCACACCCC
MVs/Cuenca.ESP/20.17	GGGCCACCAACTCCCAG	ACCCGGCCACCGCCCTGCGGAAAGGGACGGCCACAACCCGCACACCCC
MVs/Navarra.ESP/18.17	GGGCCACCAACTCCCAG	ACCCGGCCACCGCCCTGCGGAAAGGGACGGCCACAACCCGCACACCCC
MVs/Navarra.ESP/22.17/5	GGGCCACCAACTCCCAG	ACCCGGCCACCGCCCTGCGGAAAGGGACGGCCACAACCCGCACACCCC
MVs/Navarra.ESP/23.17	GGGCCACCAACTCCCAG	ACCCGGCCACCGCCCTGCGGAAAGGGACGGCCACAACCCGCACACCCC
MVs/Navarra.ESP/20.17	GGGCCACCAACTCCCAG	ACCCGGCCACCGCCCTGCGGAAAGGGACGGCCACAACCCGCACACCCC
MVs/Valencia.ESP/47.17/47	GGGCCACCAACTCCCAG	ACCCGGCCACCGCCCTGCGGAAAGGGACGGCCACAACCCGCACACCCC
MVs/Valencia.ESP/22.18/2	GGGCCACCAACTCCCAG	ACCCGGCCACCGCCCTGCGGAAAGGGACGGCCACAACCCGCACACCCC
MVs/Valencia.ESP/21.18	GGGCCACCAACTCCCAG	ACCCGGCCACCGCCCTGCGGAAAGGGACGGCCACAACCCGCACACCCC
MVs/Valencia.ESP/21.18/2	GGGCCACCAACTCCCAG	ACCCGGCCACCGCCCTGCGGAAAGGGACGGCCACAACCCGCACACCCC
MVs/Valencia.ESP/28.28	GGGCCACCAACTCCCAG	ACCCGGCCACCGCCCTGCGGAAAGGGACGGCCACAACCCGCACACCCC
MVs/Navarra.ESP/31.18	GGGCCACCAACTCCCAG	ACCCGGCCACCGCCCTGCGGAAAGGGACGGCCACAACCCGCACACCCC

5119

5183

MVs/Valladolid.ESP/34.17/3	AGCCCCGATCCGGCGGGCAGCCACC	TAACCCGAACCAGCACCCAAGAGCGACCCCCGAAGGACCC
MVs/Cuenca.ESP/20.17	AGCCCCGATCCGGCGGGCAGCCACC	TAACCCGAACCAGCACCCAAGAGCGACCCCCGAAGGACCC
MVs/Navarra.ESP/18.17	AGCCCCGATCCGGCGGGCAGCCACC	TAACCCGAACCAGCACCCAAGAGCGACCCCCGAAGGACCC
MVs/Navarra.ESP/22.17/5	AGCCCCGATCCGGCGGGCAGCCACC	TAACCCGAACCAGCACCCAAGAGCGACCCCCGAAGGACCC
MVs/Navarra.ESP/23.17	AGCCCCGATCCGGCGGGCAGCCACC	TAACCCGAACCAGCACCCAAGAGCGACCCCCGAAGGACCC
MVs/Navarra.ESP/20.17	AGCCCCGATCCGGCGGGCAGCCACC	TAACCCGAACCAGCACCCAAGAGCGACCCCCGAAGGACCC
MVs/Valencia.ESP/47.17/47	AGCCCCGATCCGGCGGGCAGCCACC	TAACCCGAACCAGCACCCAAGAGCGACCCCCGAAGGACCC
MVs/Valencia.ESP/22.18/2	AGCCCCGATCCGGCGGGCAGCCACC	TAACCCGAACCAGCACCCAAGAGCGACCCCCGAAGGACCC
MVs/Valencia.ESP/21.18	AGCCCCGATCCGGCGGGCAGCCACC	TAACCCGAACCAGCACCCAAGAGCGACCCCCGAAGGACCC
MVs/Valencia.ESP/21.18/2	AGCCCCGATCCGGCGGGCAGCCACC	TAACCCGAACCAGCACCCAAGAGCGACCCCCGAAGGACCC
MVs/Valencia.ESP/28.28	AGCCCCGATCCGGCGGGCAGCCACC	TAACCCGAACCAGCACCCAAGAGCGACCCCCGAAGGACCC
MVs/Navarra.ESP/31.18	AGCCCCGATCCGGCGGGCAGCCACC	TAACCCGAACCAGCACCCAAGAGCGACCCCCGAAGGACCC

5184

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MVs/Valladolid.ESP/34.17/3	CCAAACCGCAAAGGACATCAGCATCCCACAGCCTCTC	TAAGTCCGCCGGTCTCCTCCCCTTCTCG
MVs/Cuenca.ESP/20.17	CCAAACCGCAAAGGACATCAGCATCCCACAGCCTCTC	TAAGTCCGCCGGTCTCCTCCCCTTCTCG
MVs/Navarra.ESP/18.17	CCAAACCGCAAAGGACATCAGCATCCCACAGCCTCTC	TAAGTCCGCCGGTCTCCTCCCCTTCTCG
MVs/Navarra.ESP/22.17/5	CCAAACCGCAAAGGACATCAGCATCCCACAGCCTCTC	TAAGTCCGCCGGTCTCCTCCCCTTCTCG
MVs/Navarra.ESP/23.17	CCAAACCGCAAAGGACATCAGCATCCCACAGCCTCTC	TAAGTCCGCCGGTCTCCTCCCCTTCTCG
MVs/Navarra.ESP/20.17	CCAAACCGCAAAGGACATCAGCATCCCACAGCCTCTC	TAAGTCCGCCGGTCTCCTCCCCTTCTCG
MVs/Valencia.ESP/47.17/47	CCAAACCGCAAAGGACATCAGCATCCCACAGCCTCTC	TAAGTCCGCCGGTCTCCTCCCCTTCTCG
MVs/Valencia.ESP/22.18/2	CCAAACCGCAAAGGACATCAGCATCCCACAGCCTCTC	TAAGTCCGCCGGTCTCCTCCCCTTCTCG
MVs/Valencia.ESP/21.18	CCAAACCGCAAAGGACATCAGCATCCCACAGCCTCTC	TAAGTCCGCCGGTCTCCTCCCCTTCTCG
MVs/Valencia.ESP/21.18/2	CCAAACCGCAAAGGACATCAGCATCCCACAGCCTCTC	TAAGTCCGCCGGTCTCCTCCCCTTCTCG
MVs/Valencia.ESP/28.28	CCAAACCGCAAAGGACATCAGCATCCCACAGCCTCTC	TAAGTCCGCCGGTCTCCTCCCCTTCTCG
MVs/Navarra.ESP/31.18	CCAAACCGCAAAGGACATCAGCATCCCACAGCCTCTC	TAAGTCCGCCGGTCTCCTCCCCTTCTCG