

6. Appendix

List of primers and sequences

Primer	Sequence
p191	GGGTAAACTAGAATATGCTATACCGG
p194	ACCATCACGGGATAAAGTAACTGG
p282	AACATATGTTAAATATTTATTTCTC
p1356	TCGGCATTCTGCTGAACCGCTCTCCGATCTGTAATTCGTGCGCGTCAG
p1357	ACACTCTTTCCCTACACGACGCTCTCCGATCTCCTTCAATTTTCGATGGGTAC
p1358	AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCT
p1359	CAAGCAGAAGACGGCATAACGAGATTGCTAATCACTGAGATCGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATC*T
p1360	CAAGCAGAAGACGGCATAACGAGATTAGGGGGATTTCGAGATCGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATC*T
p1361	CAAGCAGAAGACGGCATAACGAGATAGTTTCCAGGGAGATCGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATC*T
p1362	CAAGCAGAAGACGGCATAACGAGATCCTGGGAGGTAGAGATCGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATC*T
p1363	CAAGCAGAAGACGGCATAACGAGATATACCACAAATGAGATCGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATC*T
p1364	CAAGCAGAAGACGGCATAACGAGATGATCTCTCGGGGAGATCGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATC*T
p1365	CAAGCAGAAGACGGCATAACGAGATACCCTATACTCGAGATCGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATC*T
p1366	CAAGCAGAAGACGGCATAACGAGATCTCAATTAAGAGAGATCGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATC*T
p1367	CAAGCAGAAGACGGCATAACGAGATCGACAGAACGTGAGATCGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATC*T
p1368	CAAGCAGAAGACGGCATAACGAGATTCGCCATTATGGAGATCGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATC*T
p1369	CAAGCAGAAGACGGCATAACGAGATATGTTCCGGCCGAGATCGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATC*T
p1370	CAAGCAGAAGACGGCATAACGAGATTTGAAGTGAGAGATCGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATC*T
p1371	CAAGCAGAAGACGGCATAACGAGATGAAGGCCAGCTGAGATCGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATC*T
p1372	CAAGCAGAAGACGGCATAACGAGATCCAATGTGCAGGAGATCGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATC*T
p1373	CAAGCAGAAGACGGCATAACGAGATATCGAAGGACCGAGATCGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATC*T
p1374	CAAGCAGAAGACGGCATAACGAGATTCGGGTGCGAAGAGATCGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATC*T
p1375	CAAGCAGAAGACGGCATAACGAGATGTAATTTACGGGAGATCGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATC*T
p1376	CAAGCAGAAGACGGCATAACGAGATATATCGACTACGAGATCGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATC*T
p1377	CAAGCAGAAGACGGCATAACGAGATTGATTCTTACAGAGATCGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATC*T

p1378	CAAGCAGAAGACGGCATAACGAGATACGGCGGGCCTGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1379	CAAGCAGAAGACGGCATAACGAGATCTTGCGTGGAGGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1380	CAAGCAGAAGACGGCATAACGAGATTAATCAAAGACGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1381	CAAGCAGAAGACGGCATAACGAGATGGCGGGCTCTAGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1382	CAAGCAGAAGACGGCATAACGAGATCCTCCATTTCTGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1383	CAAGCAGAAGACGGCATAACGAGATAACCAGCGCTGGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1384	CAAGCAGAAGACGGCATAACGAGATTATTCGTCAACGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1385	CAAGCAGAAGACGGCATAACGAGATGCGCTGATGCAGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1386	CAAGCAGAAGACGGCATAACGAGATCTCATATGGCTGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1387	CAAGCAGAAGACGGCATAACGAGATACAGGGGCAGGGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1388	CAAGCAGAAGACGGCATAACGAGATGGTTTTATACCGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1389	CAAGCAGAAGACGGCATAACGAGATGCATGACTTTAGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1390	CAAGCAGAAGACGGCATAACGAGATTTCTGAGTTCTGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1391	CAAGCAGAAGACGGCATAACGAGATCGATTAAGCTGGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1392	CAAGCAGAAGACGGCATAACGAGATTCTCTTAAGCCGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1393	CAAGCAGAAGACGGCATAACGAGATCCGACAGGTGAGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1394	CAAGCAGAAGACGGCATAACGAGATAGTATCACTATGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1395	CAAGCAGAAGACGGCATAACGAGATGTTGCTGATGGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1396	CAAGCAGAAGACGGCATAACGAGATCCCATGGCGGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1397	CAAGCAGAAGACGGCATAACGAGATGGAGTTCAACAGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1398	CAAGCAGAAGACGGCATAACGAGATACTGCGTATATGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1399	CAAGCAGAAGACGGCATAACGAGATTACGTCGTGCGGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1400	CAAGCAGAAGACGGCATAACGAGATCCTTCTGTCCCGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1401	CAAGCAGAAGACGGCATAACGAGATATACTTGTTAAGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1402	CAAGCAGAAGACGGCATAACGAGATTACCCAGGAGTGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T

p1403	CAAGCAGAAGACGGCATAACGAGATGGGGTTTTCTGGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1404	CAAGCAGAAGACGGCATAACGAGATACTGCTCGTGCGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1405	CAAGCAGAAGACGGCATAACGAGATGAAGCATAATAGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1406	CAAGCAGAAGACGGCATAACGAGATATACAGTCGCTGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1407	CAAGCAGAAGACGGCATAACGAGATCTGTGCGAAGGGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1408	CAAGCAGAAGACGGCATAACGAGATTGCAATCTAACGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1409	CAAGCAGAAGACGGCATAACGAGATGATGGTATTTAGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1410	CAAGCAGAAGACGGCATAACGAGATCTAAAAAATATGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1411	CAAGCAGAAGACGGCATAACGAGATAGCGTTTTAGGGGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1412	CAAGCAGAAGACGGCATAACGAGATTCCTAACATCGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1413	CAAGCAGAAGACGGCATAACGAGATGAGACTCGGTAGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1414	CAAGCAGAAGACGGCATAACGAGATCAATTTGTTCTGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1415	CAAGCAGAAGACGGCATAACGAGATATGAGATCAAGGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1416	CAAGCAGAAGACGGCATAACGAGATTAACGCGTGGCGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1417	CAAGCAGAAGACGGCATAACGAGATCCGTATCTATAGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1418	CAAGCAGAAGACGGCATAACGAGATTGGCTGGGTATGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1419	CAAGCAGAAGACGGCATAACGAGATGTACATCCGGGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1420	CAAGCAGAAGACGGCATAACGAGATAAGCCGAGATCGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1421	CAAGCAGAAGACGGCATAACGAGATCAAAGCGGCTAGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1422	CAAGCAGAAGACGGCATAACGAGATGCTGTATTTAGGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1423	CAAGCAGAAGACGGCATAACGAGATTGGTAAAACCCGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1424	CAAGCAGAAGACGGCATAACGAGATGCAATGGATATGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1425	CAAGCAGAAGACGGCATAACGAGATACTCTCGGGAGGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1426	CAAGCAGAAGACGGCATAACGAGATCGGAGATATTCGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1427	CAAGCAGAAGACGGCATAACGAGATGTGGGTTAGTAGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T

p1428	CAAGCAGAAGACGGCATAACGAGATTTGTATCATTTGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1429	CAAGCAGAAGACGGCATAACGAGATAAATAATGGGGGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1430	CAAGCAGAAGACGGCATAACGAGATCGTCGCGACTCGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1431	CAAGCAGAAGACGGCATAACGAGATGGCCACAACCAGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1432	CAAGCAGAAGACGGCATAACGAGATTTTCTTGAATGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1433	CAAGCAGAAGACGGCATAACGAGATCCAGATCTTGGGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1434	CAAGCAGAAGACGGCATAACGAGATTGATACAGTATGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1435	CAAGCAGAAGACGGCATAACGAGATGCACGAATCGGGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1436	CAAGCAGAAGACGGCATAACGAGATCAGCGTTGTCAGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1437	CAAGCAGAAGACGGCATAACGAGATATAAGACAGCCGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1438	CAAGCAGAAGACGGCATAACGAGATCAGGCCAGGGTGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1439	CAAGCAGAAGACGGCATAACGAGATATAAGCGTACGGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1440	CAAGCAGAAGACGGCATAACGAGATATTAAGTGCAAGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1441	CAAGCAGAAGACGGCATAACGAGATTTCTCTTTGTGCGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1442	CAAGCAGAAGACGGCATAACGAGATGTGCTGTGGTTGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1443	CAAGCAGAAGACGGCATAACGAGATCTCTAGATAAGGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1444	CAAGCAGAAGACGGCATAACGAGATTGACCACATTAGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1445	CAAGCAGAAGACGGCATAACGAGATAGCTCGCGCGGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1446	CAAGCAGAAGACGGCATAACGAGATACACACATGGAGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1447	CAAGCAGAAGACGGCATAACGAGATTGGATTCTCCGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1448	CAAGCAGAAGACGGCATAACGAGATCCTATTTTATGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1449	CAAGCAGAAGACGGCATAACGAGATTGGCAGTCTTGGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1450	CAAGCAGAAGACGGCATAACGAGATGGTCCATCCTAGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1451	CAAGCAGAAGACGGCATAACGAGATTAGGTCCGATCGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T
p1452	CAAGCAGAAGACGGCATAACGAGATATTCCTTTGGGGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T

p1453	CAAGCAGAAGACGGCATAACGAGATTGCGTTAGGTAGAGATCGGTCTCGGCATTC CTGCTGAACCGCTCTTCCGATC*T
p1454	CAAGCAGAAGACGGCATAACGAGATCTGAACCTGACGAGATCGGTCTCGGCATT CCTGCTGAACCGCTCTTCCGATC*T