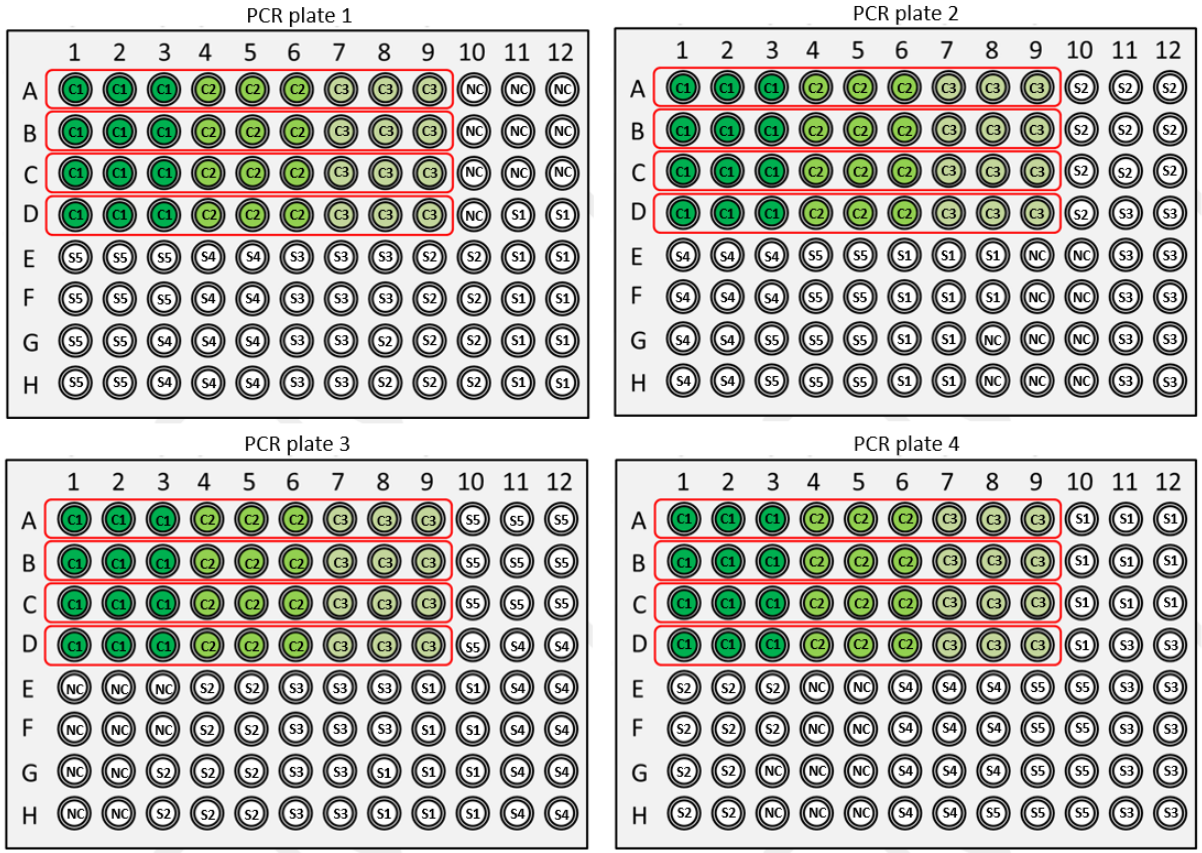
Supplementary file 1. Schemes of the four PCR plates of interlaboratory validation study – *Schémas des quatre plaques PCR de l'étude de validation interlaboratoire.*



Supplementary file 2. Alignment of the targeted gene portion of *G. gallus* and *M. gallopavo* with other species of the genera *Gallus* and *Meleagris*. The location of the primers and probe Chic-Turk is underlined on *G. gallus* and *M. gallopavo* sequences. Localized sequence differences at primers and probe in sequences of other species are highlighted in grey – *Alignement de la portion du gène ciblé de* G. gallus *et* M. gallopavo *avec d'autres espèces des genres* Gallus *et* Meleagris*. La localisation des amorces et sonde Chic-Turk est soulignée sur les séquences de* G. gallus *et* M. gallopavo*. Les différences de séquence localisées au niveau des amorces et de la sonde dans les séquences des autres espèces sont surlignées en gris*.

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NC_001323.1_Gallus_gallus        TAGACTACCAAGGCGTAGCTATAA-CTTCAAAGCATTCAGCTTACACCTGAAAGATACCCTCAACAGACAAGGTCGCCTTGACTT
AP003325.1_Gallus_lafayetii      TAGACTACCAAGGCGTAGCTATAA-CTTCAAAGCATTCAGCTTACACCTGAAAGATACCCTCAATAGACAAGGTCGCCTTGACCT
AP003324.1_Gallus_varius         TAGACTACCAAGGCGTAGCTATAA-CTTCAAAGCATTCAGCTTACACCTGAAAGATACCCTCAACAGACAAGGTCGCCTTGACTT
AP006746.1_Gallus_sonneratii     TAGACTACCAAGGCGTAGCTATAA-CTTCAAAGCATTCAGCTTACACCTGAAAGATACCCTCAACAGACAAGGTCGCCTTGACTT
NC_010195.2_Meleagris_gallopavo  TAGACTACCAAGGCGTAGCTATAAACCCTAAAGCATTCAGCTTACACCTGAAAGATACC-TTTACAAACAAGGTCGCCTTGACTT
KU094576.1_Meleagris_ocellata    TAGACTATCAAGGCGTAGCTATAAGCCCTAAAGCATTCAGCTTACACCTGAAAGATGCC-TTCACAAACAAGGTCGCCTTGACTT
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Supplementary file 3. Alignment of the targeted gene portion of *G. gallus* and *M. gallopavo* with other species of the order Galliformes. The location of the primers and probe Chic-Turk is underlined on *G. gallus* and *M. gallopavo* sequences. Localized sequence differences at primers and probe in sequences of other species are highlighted in grey – *Alignement de la portion du gène ciblé de* G. gallus *et* M. gallopavo *avec d'autres espèces de l'ordre des Galliformes. La localisation des amorces et sonde Chic-Turk est soulignée sur les séquences de* G. gallus *et* M. gallopavo*. Les différences de séquence localisées au niveau des amorces et de la sonde dans les séquences des autres espèces sont surlignées en gris*.

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NC_001323.1_Gallus_gallus                  TAGACTACCAAGGCGTAGCTATAACTTC--AAAGCATTCAGCTTACACCTGAAAGATACCCTCAACAGACAAGGTCGCCTTGACTT
NC_010195.2_Meleagris_gallopavo            TAGACTACCAAGGCGTAGCTAT-AAACCCTAAAGCATTCAGCTTACACCTGAAAGATACC-TTTACAAACAAGGTCGCCTTGACTT
NC_024616.1_Ptilopachus_petrosus           TAGACCACCAAGACGTAGCTA--AACCTTAAAAGCATTCAGCTTACACCTGAAAGATATC-TCATAA--AGAGATCGCCTTGATTT
KY411600.1_Tetrastes_bonasia               TAGACTATCAAGACGTAGCTA--ACCCCTCAAAGCATTCAGCTTACACCTGAAAGATACCTCTATAAG-AGAGGTCGCCTTGACTT
AB164623.1_Syrmaticus_reevesii             TAGACCACCAAGACGTAGCTAT-AA---CTAAAGCATTCAGCTTACACCTGAAAGATATCTTCCCAAGACAAGATCGTCTTGACTT
MN857545.1_Chrysolophus_pictus             TAGACCACCAAGACGTAGCTAT-AAACCACAAAGCATTCAGCTTACACCTGAAAGATATCTTCCC-AGACAAGATCGTCTTGACTT
FJ752434.1_Chrysolophus_amherstiae         TAGACCACCAAGACGTAGCTAT-AAACCACAAAGCATTCAGCTTACACCTGAAAGATATCTTCCC-AGACAAGATCGTCTTGACTT
NC_004575.1_Coturnix_chinensis             TAGACAACCAAGACGTAGCTTATTCAATCTAAAGCATTCAGCTTACACCTGAAAGATGCCCTTTAA---ATGGACCGCCTTGATTT
KF422893.1_Polyplectron_germaini           TAGACTACCAAGGCGTAGCTAC-AAACCCTAAAGCATTCAGCTTACACCTGAAAGATACCTTCACGGACTAAGGTCGCCTTGACTT
KY411591.1_Haematortyx_sanguiniceps        TAGACCACCAAGGCGTAGCTAT-AAACCCCAAAGCATTCAGCTTACACCTGAAAGATA-CCTTCACTGATAAGGTCGCCTTGACTT
NC_003408.1_Coturnix_japonica              TAGACCACCAAGGCGTAGCTAT-AAGCTCCAAAGCATTCAGCTTACACCTGAAAGATGCCCCCAAT---AAGGGTCGCCTTGATTT
KX196445.1_Francolinus_pintadeanus         TAGACCACCAAGGCGTAGCTAT-AACC-CTAAAGCATTCAGCTTACACCTGAAAGATACCCTCAACAGACAAGGTCGCCTTGACTT
NC_012897.1_Pavo_muticus                   TAGACCACCAAGGCATAGCTAT-AAGC-CCAAAGCATTCAGCTTACACCTGAAAGATA-CCTCCACGAACAAGGTTGCCTTGATTC
KF444060.1_Pavo_cristatus                  TAGACCACCAAGGCATAGCTAT-AAAC-CCAAAGCATTCAGCTTACACCTGAAAGATA-CCTCCACGAACAAGGTTGCCTTGATTC
JQ713766.1_Ithaginis_cruentus              TAGACCACCAAGGCGTAGCTAT-AAGCCCTAAAGCATTCAGCTTACACCTGAAAGATACC-TGCACAGATAAGGTCGCCTTGACTT
KX609784.1_Lagopus_lagopus                 TAGACTATCAAGGCGTAGCTAT-AAATCTCAAAGCATTCAGCTTACACCTGAAAGATACC-TCTGTAAATAAGGTCGCCTTGACCA
KF955638.1_Lyrurus_tetrix                  TAGACTATCAAGACGTAGCTAT-AAATCCCAAAGCATTCAGCTTACACCTGAAAGATACC-ACCATAAACGGGGTCGCCTTGACTT
MK820678.1_Tetrao_parvirostris_parvirostris TAGACTATCAAGGCGTAGCTAT-AAATCTCAAAGCATTCAGCTTACACCTGAAAGATACC-ACCATAAACGAGGTCGCCTTGACTT
MG583885.1_Tetrao_urogallus                TAGACTATCAAGGCGTAGCTAT-AAATCTCAAAGCATTCAGCTTACACCTGAAAGATACC-ACCATAAACGAGGTCGCCTTGACTT
LC528834.1_Lagopus_muta_japonica           TAGACTATCAAGGCGTAGCTAT-AAATCTCAAAGCATTCAGCTTACACCTGAAAGATACC-TCTATAAACAAGGTCGCCTTGACTT
FJ752427.1_Tragopan_temminckii             TAGACCACCAAGGCGTAGCTATAAATCCCCAAAGCACTCAGCTTACACCTGAAAGATACC--TTACAAACAAGGTCGCCTTGATCT
FJ752428.1_Tetraophasis_szechenyii         TAGACAACCAAGACGTAGCTAT-AAACCCTAAAGCATTCAGCTTACACCTGAAAGATACC-TTCATAAACGAGGTCGCCTTGACTT
GQ871234.1_Lophophorus_lhuysii             TAGACCACCAAGACGTAGCTAT-AAACTCTAAAGCATTCAGCTTACACCTGAAAGATACC-TCCACAAACGAGGTCGCCTTGACTT
NC_040850.1_Lophophorus_impejanus          TAGACCACCAAGACGTAGCTAT-AAACTCTAAAGCATTCAGCTTACACCTGAAAGATACC-TCCACAAATGAGGTCGCCTTGACTT
NC_023940.1_Perdix_hodgsoniae              TAGACCACCAAGACGTAGCTATAAACCCCCAAAGCATTCAGCTTACACCTGAAAGATACT-CTTGCAAGTAGAGTCGTCTTGACTG
NC_039843.1_Perdix_perdix                  TAGACCACCGAGACGTAGCTATAAACCCCCAAAGCATTCAGCTTACACCTGAAAGATACT-CTTGCAAACAGGGTCGTCTTGACTG
NC_020588.1_Perdix_dauurica                TAGACCACCGAGACGTAGCTATAAACTCCCAAAGCATTCAGCTTACACCTGAAAGATGCT-CTTACAAACAGAGTCGTCTTGACTG
FJ752429.1_Pucrasia_macrolopha             TAGACAACCAAGACGTAGCTAT-AAACTCTAAAGCATTCAGCTTACACCTGAAAGATACC-TTCATAAACGAGGTCGCCTTGACTC
KY411595.1_Lophura_edwardsi                TAGACCACCAAGACGTAGCTAT-AAACCCCAAAGCATTCAGCTTACACCTGAAAGATATC-TTCTCAAACAAGATCGTCTTGACTT
NC_010778.1_Phasianus_versicolor           TAGACCATCAAGATGTAGCTAT-AAACCCTAAAGCATTCAGCTTACACCTGAAAGATATCTTTCCCCAACAAGATCATCTTGACTT
FJ752430.1_Phasianus_colchicus             TAGACCATCAAGATGTAGCTATAAAACCCTAAAGCATTCAGCTTACACCTGAAAGATATCTTTCCACAACAAGATCATCTTGACTT
KY411590.1_Argusianus_argus                TAGATCACCAAGACGTAGCTAT-AACTCCCAAAGCATTCAGCTTACACCTGAAAGATACCTTCACAAATCAAGGTCGTCTTGACAA
EU165706.1_Bambusicola_thoracica           AGACCACCCAAGGTGTAGCTAT--AACCCCAAAGCATTCAGCTTACACCTGAAAGATACCCTCAACAGATAGGGTCACCTTGATCT
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Supplementary file 4. Alignment of the targeted gene portion of *G. gallus* with other species of the order Anseriformes. The location of the primers and probe Chic-Turk is underlined on *G. gallus* sequences. Localized sequence differences at primers and probe in sequences of other species are highlighted in grey – *Alignement de la portion du gène ciblé de* G. gallus *avec d'autres espèces de l'ordre des Anseriformes. La localisation des amorces et sonde Chic-Turk est soulignée sur la séquence de* G. gallus*. Les différences de séquence localisées au niveau des amorces et de la sonde dans les séquences des autres espèces sont surlignées en gris*.

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NC_001323.1_Gallus_gallus        TAGACTACCAAGGCGTAGCTATAACTTC-AAAGCATTCAGCTTACACCTGAAAGATACCCTCAACAGACAAGGTCGCCTTGACTT
MN356217.1_Anseranas_semipalmata AGAATACTCAAGGCGTAGCTACAACTACCAAAGCATTCAGCTTACACCTGAAAGATGTCTACC--ACACTAGACCGCCTTGATGC
NC_007011.1_Branta_canadensis    TAGAATATCAAGACGTAGCTATAA-TGCCAAAGCACTCAGCTTACACCTGAGAGATATCTACT--AAACCAGATCGTCTTGAAGC
NC_023832.1_Anser_cygnoides      TAGAATATCAAGACGTAGCTATAA-CACCAAAGCACTCAGCTTACACCTGAAAGATATCTACT--AGACCGGATCGTCTTGAAGC
NC_004539.1_Anser_albifrons      TAGAATATCAAGACGTAGCTATAA-CACCAAAGCACTCAGCTTACACCTGAAAGATATCTACT--AGACCGGATCGTCTTGAAGC
NC_011196.1_Anser_anser          TAGAATATCAAGACGTAGCTATAA-CACCAAAGCACTCAGCTTACACCTGAAAGATATCTACT--AGACCGGATCGTCTTGAAGC
NC_025654.1_Anser_indicus        TAGAATATCAAGACGTAGCTATAA-CACCAAAGCACTCAGCTTACACCTGAAAGATATCTACT--AGACCGGATCGTCTTGAAGC
NC_023352.1_Anas_falcata         AGAATACTCAAGACGTAGCTATAA--CCCAAAGCACTCAGCTTACACCTGAAAGATATCTGCT--AAACCAGGTCGTCTTGAAGC
NC_009684.1_Anas_platyrhynchos   AGAATACTCAAGACGTAGCTATAA-CCCCAAAGCACTCAGCTTACACCTGAGAGATATCTGCT--AAACCAGGTCGTCTTGAAGC
NC_022418.1_Anas_poecilorhyncha  AGAATACTCAAGACGTAGCTATAA-CCCCAAAGCACTCAGCTTACACCTGAGAGATATCTGCT--AAACCAGGTCGTCTTGAAGC
NC_022452.1_Anas_crecca          AGAATACTCAAGACGTAGCTATAA-ACCCAAAGCACTCAGCTTACACCTGAGAGATATCTGCT--AAACCAGGTCGTCTTGAAGC
NC_050973.1_Anas_penelope        AGAATACTCAAGACGTAGCTATAA-TCCCAAAGCACTCAGCTTACACCTGAAAGATATCTGCT--AAACCAGGTCGTCTTGAAGC
NC_028346.1_Anas_clypeata        AGAATACTCAAGACGTAGCTATAA-CCCCAAAGCACTCAGCTTACACCTGAGAGATATCTGCT--AAACCAGGTCGTCTTGAAGC
NC_015482.1_Anas_formosa         AGAATACTCAAGACGTAGCTATAA-CCCCAAAGCACTCAGCTTACACCTGAGAGATATCTGCT--AAACCAGGTCGTCTTGAAGC
NC_024640.1_Tadorna_ferruginea   AGAATACTCAAGACGTAGCTATAA-CCCCAAAGCACTCAGCTTACACCTGAAAGATATCTGCC--AAACCAGATCGTCTTGAAGC
KC466568.1_Netta_rufina          AGAATACTCAAGACGTAGCTATAA-CCCCAAAGCACTCAGCTTACACCTGAAAGATATCTGCT---AACCAGATCGTCTTGAAGC
NC_052827.1_Asarcornis_scutulata AGAATACTCAAGACGTAGCTATAA-CTTCAAAGCACTCAGCTTACACCTGAAAGATATCTACT--AGACCAGATCGTCTTGAAGC
NC_040986.1_Mergus_merganser     AGAATACTCAAGACGTAGCTATAATCATCAAAGCACTCAGCTTACACCTGAGAGATATCTACT--AGACTAGATCGTCTTGAAGC
NC_010965.1_Cairina_moschata     AGAATACTCAAGACGTAGCTATAACACCCAAAGCACTCAGCTTACGCCTGAAAGATATCTGCC--AAACCAGATCGTCTTGAAGC
MW849291.1_Somateria_spectabilis AGAATACTCAAGGCGTAGCTATAA-TCCCAAAGCACTCAGCTTACACCTGAGAGATGTCTGCT--AAACCAGATCGTCTTGAAGC
MW849287.1_Lophodytes_cucullatus AGAATACTCAAGGCGTAGCTATAA-CTCTAAAGCACTCAGCTTACACCTGAAAGATATCTGCT--AGACCAGATCGCCTTGAAGC
MW849286.1_Bucephala_albeola     AGAATACTCAAGGCGTAGCTATAA-CCCCAAAGCATTCAGCTTACACCTGAAAGATATCTGCC--AGACCAGATCGCCTTGAAGC
MW849281.1_Bucephala_islandica   AGAATACTCAAGGCGTAGCTATAA-CCCCAAAGCACTCAGCTTACACCTGAGAGATGTCTGCT--AAACCAGATCGCCTTGAAGC
MW849279.1_Melanitta_deglandi    AGAATACTCAAGGCGTAGCTATAA-CCCCAAAGCACTCAGCTTACACCTGAGAGATATCTGCT--AGACCAGGTCGTCTTGAAGC
MW849282.1_Melanitta_americana   AGAATACTCAAGACGTAGCTATAACCCCCAAAGCACTCAGCTTACACCTGAGAGATATCTGCT-AAAACCAGGTCGTCTTGAAGC
NC_012844.1_Dendrocygna_javanica TAGAATACCAAGACGTAGCTTTAAAATTCAAAGCACTCAGCTTACACCTGAGAGATATCTACT--AACCAGGATCGTCTTGAGGC
NC_007691.1_Cygnus_columbianus   AGAATATACAAGACGTAGCTATAACATTCAAAGCACTCAGCTTACACCTGAAAGATATCTGCT--AAACCAGATCGTCTTGAAGC
NC_027095.1_Cygnus_cygnus        AGAATATACAAGACGTAGCTATAACATCCAAAGCATTCAGCTTACACCTGAAAGATATCTGCT--AAACCAGATCGTCTTGAAGC
NC_012843.1_Cygnus_atratus       AGAATATCCAAGACGTAGCTATAACACCCAAAGCATTCAGCTTACACCTGAAAGATATCTGCT--AAACCAGGTCGTCTTGAAGC
NC_027096.1_Cygnus_olor          AGAATATCCAAGACGTAGCTATAACACCCAAAGCATTCAGCTTACACCTGAAAGATATCTGCT--AAACCAGATCGTCTTGAAGC
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Supplementary file 5. Alignment of the targeted gene portion of *G. gallus* with other species of the order Columbiformes. The location of the primers and probe Chic-Turk is underlined on *G. gallus* sequences. Localized sequence differences at primers and probe in sequences of other species are highlighted in grey – *Alignement de la portion du gène ciblé de G. gallus avec d'autres espèces de l'ordre des Columbiformes. La localisation des amorces et sonde Chic-Turk est soulignée sur la séquence de* G. gallus*. Les différences de séquence localisées au niveau des amorces et de la sonde dans les séquences des autres espèces sont surlignées en gris*.

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NC_001323.1_Gallus_gallus             TAGACTACCAAGGCGTAGCTATAACTTC-AAAGCATTCAGCTTACACCTGAAAGATACCCTCAACAGACAAGGTCGCCTTGACTT
NC_013978.1_Columba_livia             TAGCACACCAAGACGTAGCTACAA-TGT-AAAGCATTCAGCTTACACCTGAAAGATGCCTGCCACACACCAGGTCGTCTTGAAGC
KX902246.1_Columba_rupestris          TAGCACACCAAGACGTAGCTACAA-TGT-AAAGCATTCAGCTTACACCTGAAAGATGCCTGCCACACACCAGGTCGTCTTGAAGC
KX902247.1_Columba_jouyi              TAGCACACCAAGACGTAGCTATAA-TATAAAAGCATTCAGCTTACACCTGAAAGATGCCTGCCACACATCAGGTCGTCTTGAAGC
LC541479.1_Columba_janthina           TAGCACACCAAGACGTAGCTATAA-TATAAAAGCATTCAGCTTACACCTGAAAGATGCCTGCCACACATCAGGTCGTCTTGAAGC
NC_048989.1_Columba_hodgsonii         TAGCACACCAAGACGTAGCTATAA-CAT-AAAGCATTCAGCTTACACCTGAAAGATGCCTGCCACTCATCAGGTCGGCTTGAAGC
MN122869.1_Columba_palumbus           TAGTACACCAAGACGTAGCTATAA-TATAAAAGCATTCAGCTTACACCTGAAAGATGCCTGCTACACATCAGGTCGTCTTGAAGC
GU230684.1_Columba_vitiensis          TAGCACACCAAGACGTAGCTATAATATATAAAGCATTCAGCTTACACCTGAAAGATGCCTGCTACACATCAGGTCGTCTTGATGC
MG590301.1_Goura_victoria             TAGTACACCAAGACGTAGCTATAA-TGTGAAAGCATTCAGCTTACACCTGAAAGATGCCTGCTACACACCAGGTCGTCTTGAAGC
MG590288.1_Goura_sclaterii            TAGTGCACCAAGACGTAGCTATAA-TGTGAAAGCATTCAGCTTACACCTGAAAGATACCTGCTACACACCAGGTCGTCTTGAAGC
MG590284.1_Goura_scheepmakeri         TAGTACACCAAGACGTAGCTATAA-TGTGAAAGCATTCAGCTTACACCTGAAAGATACCTGCTACACACCAGGTCGTCTTGAAGC
MT535858.1_Streptopelia_tranquebarica TAGCACACCAAGACGTAGCTATAA-TATTAAAGCATTCAGCTTACACCTGAAAGATGCCTGCCACACATCAGGTCGTCTTGAAGC
KY827037.1_Streptopelia_orientalis    TAGCACACCAAGACGTAGCTATAA-CATCAAAGCATTCAGCTTACACCTGAAAGATGCCTGCCACACATCAGGTCGTCTTGAAGC
NC_037513.1_Streptopelia_decaocto     TAGCACACCAAGACGTAGCTATAA-CATAAAAGCATTCAGCTTACACCTGAAAGATGCCTGCCGCACACCAGGTCGTCTTGAAGC
KX902238.1_Pezophaps_solitaria        TAGTACACCAAGACGTAGCTATAA-TATGAAAGCATTCAGCTTACACCTGAAAGATACCTGCCACACACCAGGTCGTCTTGAAGC
HM746789.1_Chalcophaps_indica         TAGCACACCAAGATGTAGCTATAA-TAT-AAAGCATTCAGCTTACACCTGAAAGATACCTGCCACACACCAGGTCATCTTGAAGC
GU230713.1_Ptilinopus_regina          TAGCATACCAAGACGTAGCTATAA-TATAAAAGCATTCAGCTTACACCTGAAAGATACCTGCCACACACCAGGTCGTCTTGAAGC
GU230722.1_Ptilinopus_solomonensis    TAGCATACCAAGACGTAGCTATAA-CGTAAAAGCACTCAGCTTACACCTGAAAGATACCTGCCACACACCAGGTCGTCTTGAAGC
GU230721.1_Ptilinopus_rivoli          TAGCATACCAAGACGTAGCTATAA-CATAAAAGCATTCAGCTTACACCTGAAAGATACCTGCCACACACCAGGTCGTCTTGAAGC
GU230731.1_Ptilinopus_victor          TAGTACATCAAGACGTAGCTATAA-CATGAAAGCATTCAGCTTACACCTGAAAGATACCTGCCACACACCAGGTCGTCTTGAAGC
GU230712.1_Ptilinopus_magnificus      TAGCGCACCAAGACGTAGCTATAA-CATGAAAGCATTCAGCTTACACCTGAAAGATACCTGTCACATACCAGGTCGTCTTGATAG
MF595518.1_Ectopistes_migratorius     TAGTACACCAAGACGTAGCTATAA-CATGAAAGCATTCAGCTTACACCTGAAAGATGCCTGTCACATACCAGGTCGTCTTGAAGC
KT350612.1_Sternula_albifrons         TAGCATACCAAGACGTAGCTATAA-AAT-AAAGCATTCAGCTTACACCTGAAAGATATCTGCCACACACCAGATCGTCTTGAAGC
KJ735513.1_Phoebastria_immutabilis    TAGCATACCAAGACGTAGCTATAA-TGCTAAAGCATTCAGCTTACACCTGAAAGATATCTGCCACTCACCAGATCGTCTTGAAGC
KJ735512.1_Phoebastria_nigripes       TAGCATACCAAGACGTAGCTATAA-TGCTAAAGCATTCAGCTTACACCTGAAAGATATCTGCCACTCACCAGATCGTCTTGAAGC
LC541455.1_Phoebastria_albatrus       TAGCATACCAAGACGTAGCTATAA-TGCTAAAGCATTCAGCTTACACCTGAAAGATATCTGCTACTCACCAGATCGTCTTGAAGC
HM640214.1_Leptotila_verreauxi        TAGCACACCAAGACGTAGCTATAA-CATGAAAGCATTCAGCTTACACCTGAAAGATGCCTG-CAGATACCAGGTCGTCTTGAAGC
HM640211.1_Zenaida_auriculata         TAGCACACCAAGACGTAGCTATAA-CACAAAAGCATTCAGCTTACACCTGAAAGATGCCTGCTACATACCAGGTCGTCTTGAAGC
KX902235.1_Zenaida_macroura           TAGCACACCAAGACGTAGCTATAA-CACGAAAGCATTCAGCTTACACCTGAAAGATGCCTGTTACATACCAGGTCGTCTTGAAGC
MN356220.1_Galbula_dea                TAGCTCACCAAGACGTAGCTACAA-TCCTAAAGCATTCAGCTTACACCTGAAAGATGTCTGC-ACA-ACCAGATCGTCTTGAAGC
MN122905.1_Hydroprogne_caspia         TAGCATACCAAGACGTAGCTATAA-AAT-AAAGCATTCAGCTTACACCTGAAAGATATCTGCTACATACCAGGTCGTCTTGAAGC
MN122893.1_Calidris_alpina            TAGCATACCAAGACGTAGCTAAAA-ATT-AAAGCATTCAGCTTACACCTGAAAGATATCTGCCACCTACCAGGTCGTCTTGAAGC
NC_045282.1_Sterna_paradisaea         TAGCATACCAAGACGTAGCTATAA-AAT-AAAGCATTCAGCTTACACCTGAAAGATATCTGCCACACATCAGATCGTCTTGAAGC
NC_036345.1_Sterna_hirundo            TAGCATACCAAGACGTAGCTATAA-AAT-AAAGCATTCAGCTTACACCTGAAAGATATCTGCCACACATCAGATCGTCTTGAAGC
LC541472.1_Sterna_dougallii_bangsi    TAGCATACCAAGACGTAGCTATAA-AAT-AAAGCATTCAGCTTACACCTGAAAGATATCTGCCACACATCAGATCGTCTTGAAGC
NC_040990.1_Calidris_ruficollis       TAGCATACCAAGACGTAGCTAAAA-ACT-AAAGCATTCAGCTTACACCTGAAAGATATCTGCCACCCATCAGGTCGTCTTGAAGC
KY434065.1_Eurynorhynchus_pygmeus     TAGCATACCAAGACGTAGCTAAAA-ACT-AAAGCATTCAGCTTACACCTGAAAGATATCTGCCACCCATCAGGTCGTCTTGAAGC
MN356130.1_Eurypyga_helias            TAGCACACCAAGACGTAGCTATAA-TAT-AAAGCATTCAGCTTACACCTGAAAGATATCTACCACAAGCCAGATCGTCTTGAAGC
MG590265.1_Otidiphaps_nobilis         TAGTACACCAAGACGTAGCTATAA-CATGAAAGCATTCAGCTTACACCTGAAAGATACCCATCACATACTGGGTCGTCTTGAAGC
KX902236.1_Raphus_cucullatus          TAGTACACCAAGGCGTAGCTATAA-TATAAAAGCATTCAGCTTACACCTGAAAGATACCTGCCATATACCAGGTCGCCTTGAAGC
MT535857.1_Treron_curvirostra         TAGCACACCAAGACGTAGCTATAA-CATGAAAGCATTCAGCTTACACCTGAAAGATACCTGTCACATACCAGGTCGTCTTGAAGC
GU230689.1_Ducula_melanochroa         TAGCACACCAAGACGTAGCTATAA-CATGAAAGCATTCAGCTTACACCTGAAAGATACCTGCCACATACCAGGTCGTCTTGAAGC
HM640213.1_Geotrygon_violacea         TAGCACACCAAGGCGTAGCTATAA-CA--AAAGCATTCAGCTTACACCTGAAAGATACCTGCCACATACCAGGTCGTCTTGAAGC
HM746790.1_Gallicolumba_luzonica      TAGCACACCAAGACGTAGCTATAA-CAC-AAAGCATTCAGCTTACACCTGAAAGATACCTACTACATACTAGGTCGTCTTGATGC
KX902240.1_Patagioenas_fasciata       TAGCACACCAAGACGTAGCTATAA-CATGAAAGCATTCAGCTTACACCTGAAAGATACCTGTTACATACCAGGTCGTCTTGAAGC
                                      ***   * ****  ******* **     ****** ********************  *           * **  *****
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Supplementary file 6. Alignment of the targeted gene portion of *G. gallus* with other species of the order Passeriformes. The location of the primers and probe Chic-Turk is underlined on *G. gallus* sequences. Localized sequence differences at primers and probe in sequences of other species are highlighted in grey – *Alignement de la portion du gène ciblé de* G. gallus *avec d'autres espèces de l'ordre des Passeriformes. La localisation des amorces et sonde Chic-Turk est soulignée sur la séquence de* G. gallus*. Les différences de séquence localisées au niveau des amorces et de la sonde dans les séquences des autres espèces sont surlignées en gris.*

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NC_001323.1 Gallus gallus                TAGACTACCAAGGCGTAGCTATAACTTCAAAGCATTCAGCTTACACCTGAAAGATACCCTCAACAGACAAGGTCGCCTTGACTT
NC_024698.1_Corvus_cornix                TAGACAACCAAGACGTAGCTTACATG--AAAGCATTCAGCTTACACCTGAAAAACATCTGATA-ACACCAGATCGTCTTGATGC
NC_015200.1_Pica_pica                    TAGACAACCAAGACGTAGCTTAAATA--AAAGCACTCAGCTTACACCCGAGAAATATCTGCTA-ACACCAGATCGTCTTGATGC
NC_002069.2 Corvus frugilegus            TAGACAACCAAGACGTAGCTTAAGCA--AAAGCATTCAGCTTACACCTGAAAAATATCTGCTA-ACACCAGATCGTCTTGATGC
NC_034838.1_Corvus_corax                 TAGACAACCAAGACGTAGCTTAAACA--AAAGCATTCAGCTTACACCTGAAAAATATCTGCTA-ACACCAGATCGTCTTGATGC
MN356156.1_Menura_novaehollandiae        TAGATTACCAAGACGTAGCTATAACA-CAAAGCATTCAGCTTACACCTGAAAGATACCTGCCC-ACACCAGGTCGTCTTGAAGC
KT601060.1 Turdus merula                 TAGACTACCAAGACGTAGCTTTAAC---AAAGCATTCAGCTTACACCTGAAAGATATCTGCCA-AGACCAGATCGTCTTGATGC
MW338659.1_Turdus_mupinensis             TAGACTACCAAGACGTAGCTTTAATA--AAAGCATTCAGCTTACACCTGAAAGATATCTGCTA-AAACCAGATCGTCTTGATGC
MN356403.1_Saxicola_maurus               TAGACTACCAAGGCGTAGCTTTAATA--AAAGCATTCAGCTTACACCTGAAAGATATCTGCTT-ATACCAGATCGCCTTGATGC
KY994583.1_Nesoptilotis_leucotis         TAGACTACCAAGACGTAGCT-TAAC-T-AAAGCATTCAGCTTACACCTGAAAGATACCTACTCACC-ACAGGTCGTCTTGAAGC
MN356436.1 Manacus manacus               TAGTCTACCAAGGCGTAGCTATAACT--AAAGCATTCAGCTTACACCTGAAAGATATCTGTTCCATATCAGATCGCCTTGAAGC
NC_051010.1_Sclerurus_mexicanus          TAGACTACCAAGACGTAGCTATAAC--CAAAGCATTCAGCTTACACCTGAAAGATATCTGCCACTCAACAGATCGTCTTGAAGC
KJ742591.1_Mionectes_oleagineus          TAGTTTACCAAGACGTAGCTACAAC-TCAAAGCATTCAGCTTACACCTGAAAGATACCTGCTCA-CACTAGGTCGTCTTGAAGC
MN356288.1 Mionectes macconnelli         TAGTTTACCAAGACGTAGCTACAAC-TCAAAGCATTCAGCTTACACCTGAAAGATACCTGCTCA-CACTAGGTCGTCTTGAAGC
NC_037154.1_Lepidocolaptes_angustirostris TAGTCTACCAAGACGTAGCTATAACAACAAAGCATTCAGCTTACACCTGAAAGATATCTGCTATCTACCAGATCGTCTTGATTA
KT934324.1_Regulus_regulus               TAGACTACCAAGACGTAGCTTAAAC-TCAAAGCATTCAGCTTACACCTGAAAGATACTCACTAA-CCATGGGTCGTCTTGATGC
NC_053085.1 Onychorhynchus coronatus     TAGTCTACCAAGACGTAGCTATAAC--AAAAGCATTCAGCTTACACCTGAAAGATATCTGCATCACACCAGGTCGTCTTGATGC
NC_053071.1_Neodrepanis_coruscans        TAGACTACCAAGACGTAGCTATAACACAAAAGCATTCAGCTTACACCTGAAAGATATCTGCCCACCCCCAGATCGTCTTGAAGC
MN122900.1_Phoenicurus_phoenicurus       TAGACTACCAAGACGTAGCTTTAA--TAAAAGCATTCAGCTTACACCTGAAAGATACCTGCTCA-TACCAGGTCGTCTTGATGC
NC_045375.1 Muscicapa latirostris        TAGACTACCAAGACGTAGCTTTAAC--CAAAGCATTCAGCTTACACCTGAAAGATATCTGCTAA-CACCAGATCGTCTTGATGC
KY994594.1_Nesoptilotis_leucotis         TAGACTACCAAGACGTAGCT-TAGC-T-AAAGCATTCAGCTTACACCTGAAAGATACCTGCTCA-CCACAGGTCGTCTTGAAGC
KY994587.1_Manorina_melanocephala        TAGACTACCAAGACGTAGCT-TAAC-CCAAAGCATTCAGCTTACACCTGAAAGATATCTGCCCC-CAACAGATCGTCTTGAAGC
MW795347.1_Ficedula_hyperythra           TAGACTACCAAGACGTAGCTTTAACT--AAAGCATTCAGCTTACACCTGAAAGATATCTGCTCA-CACCAGGTCGTCTTGATGC
LC541462.1 Larvivora komadori namiyei    TAGACTACCAAGACGTAGCTTTAA--TAAAAGCATTCAGCTTACACCTGAAAGATACCTGCTAA-CATCAGGTCGTCTTGATGC
NC_053098.1_Grantiella_picta             TAGACTACCAAGACGTAGCTTTAACT--AAAGCATTCAGCTTACACCTGAAAGATATCTGCTCA-CCCCAGATCGTCTTGAAGC
NC_053051.1_Serilophus_lunatus           TAGACTACCAAGACGTAGCTACAAC-ACAAAGCATTCAGCTTACACCTGAAAGATATCTACTCA-CCCTAGATCGTCTTGAAGC
NC_051017.1 Edolisoma coerulescens       TAGACTACCAAGACGTAGCTTTAA-TT-AAAGCATTCAGCTTACACCTGAAAGATATCTGCTGA-CATCAGATCGTCTTGATGC
MN356422.1_Cercotrichas_coryphoeus       TAGACTACCAAGACGTAGCTTTAACT--AAAGCATTCAGCTTACACCTGAAAGATATCTGCTCA-CACCAGATCGTCTTGATGC
MT017904.1_Melaenornis_chocolatinus      TAGACTACCAAGACGTAGCTTTAAC--CAAAGCATTCAGCTTACACCTGAAAGATATCTGCTCA-CACCAGATCGTCTTGATGC
FJ236298.1 Pheucticus melanocephalus     TAGGCTACCAAGACGTAGCT-TAAC-TCAAAGCATTCAGCTTACACCTGAAAGATGTCTGCTAA-CCCCAGATCGTCTTGATGC
KU158189.1_Moho_braccatus                TAGACTACCAAGACGTAGCTTTAAC--CAAAGCATTCAGCTTACACCTGAAAGATGTCTGATCA-AACCAGATCGTCTTGATGC
KJ909189.1_Scytalopus_magellanicus       TAGTCTACCAAGACGTAGCTATAATACCAAAGCATTCAGCTTACACCTGAAAGATATCTACCACACACTAGATCGTCTTGAAGC
MN356414.1 Erithacus rubecula            TAGACTACCAAGACGTAGCTTTAA--TAAAAGCATTCAGCTTACACCTGAAAGATACCTGCTTA-CACCAGGTCGTCTTGATGC
NC_053064.1_Scytalopus_superciliaris     TAGTCTACCAAGACGTAGCTATAATACTAAAGCATTCAGCTTACACCTGAAAGATATCTACCACACACTAGATCGTCTTGAAGC
NC_051470.1_Xiphorhynchus_elegans        TAGTCTACCAAGACGTAGCTATAAAAACAAAGCATTCAGCTTACACCTGAAAGATATCTACTACCTACCAGATCGTCTTGAAAG
NC_053102.1_Atrichornis_clamosus         GAACACACCAAGACGTAGCTTTAAC-CCAAAGCATTCAGCTTACACCTGAAAGATACCTGCTAA-CACCAGGTCGTCTTGAAGC
NC_051014.1 Regulus satrapa              TAGATTACCAAGACGTAGCTTTAA-TTTAAAGCATTCAGCTTACACCTGAAAGATACTCACTAA-CCATGGGTCGTCTTGATGC
NC_051012.1_Campylorhamphus_procurvoides TAGTCTACCAAAACGTAGCTATAACAACAAAGCATTCAGCTTACACCTGAAAGATATCTGCCATCCACCAGATCGTTTTGAAAG
NC_051005.1_Tachuris_rubrigastra         TAGTCTACCAAGACGTAGCTATA-C-T-AAAGCATTCAGCTTACACCTGAAAGATACCTGCCCTACCCCAGGTCGTCTTGAAGC
MW323049.1 Oedistoma pygmaeum            TAGACTACCAAGACGTAGCTTTAAC--AAAAGCATTCAGCTTACACCTGAAAGATATCTGTTCA-AACCAGATCGTCTTGATGC
MW323048.1_Oedistoma_iliolophus          TAGACCACCAAGACGTAGCTTTAAC-ACAAAGCATTCAGCTTACACCTGAAAGATATCTGTTCA-AACCAGATCGTCTTGATGC
MW623735.1_Symposiachrus_trivirgatus     TAGACTACCAAGACGTAGCTTTAAC--AAAAGCATTCAGCTTACACCTGAAAGATATCTGTTAA-TATCAGATCGTCTTGATGC
MW623683.1 Symposiachrus guttula         TAGACTACCAAGACGTAGCTTTAAC--AAAAGCATTCAGCTTACACCTGAAAGATATCTGTTAA-TATCAGATCGTCTTGATGC
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Supplementary file 7. Alignment of the targeted gene portion of *G. gallus* with other species of the order Gruiformes. The location of the primers and probe Chic-Turk is underlined on *G. gallus* sequences. Localized sequence differences at primers and probe in sequences of other species are highlighted in grey – *Alignement de la portion du gène ciblé de* G. gallus *avec d'autres espèces de l'ordre des Gruiformes. La localisation des amorces et sonde Chic-Turk est soulignée sur la séquence de* G. gallus*. Les différences de séquence localisées au niveau des amorces et de la sonde dans les séquences des autres espèces sont surlignées en gris.*

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NC_001323.1_Gallus_gallus           TAGACTACCAAGGCGTAGCTATAACTTCAAAGCATTCAGCTTACACCTGAAAGATACCCTCAACAGACAAGGTCGCCTTGACTT
KP313718.1 Fulica atra              CTTAGCACCAAGGCGTAGCTATAATTC-AAAGCATTCAGCTTACACCTGAAAGATGCCTGC--CCAAACAGGCCGCCTTGAAGC
FJ751803.1_Otis_tarda               TAGCATATCAAGACGTAGCTATAATTCAAAAGCACTCAGCTTACACCTGAAAGATATCTGCTACATACCAGATCGTCTTGAAGC
FJ769842.1_Balearica_pavonina       CTTAGCACCAAGACGTAGCTATAACGC-AAAGCATTCAGCTTACACCTGAAAGATATCTGCTACTTATCAGATCGTCTTGAAGC
NC_020575.1 Grus japonensis         CTTAGCACCAAGACGTAGCTATAACACAAAAGCATTCAGCTTACACCTGAAAGATATCTGCCACCTACCAGATCGTCTTGAAGC
NC_020578.1_Grus_monacha            CTTAGCACCAAGACGTAGCTATAATATAAAAGCATTCAGCTTACACCTGAAAGATATCTGCCACCTACCAGATCGTCTTGAAGC
FJ769849.1_Grus_grus                CTTAGCACCAAGACGTAGCTATAATACAAAAGCATTCAGCTTACACCTGAAAGATATCTGCCACCTACCAGATCGTCTTGAAGC
NC_020572.1_Anthropoides_paradiseus CTTAGCACCAAGACGTAGCTATAATACAAAAGCATTCAGCTTACACCTGAAAGATATCTGCCACCTACCAGATCGTCTTGAAGC
NC_020582.1 Grus canadensis         CTTAGCACCAAGACGTAGCTATAATACAAAAGCATTCAGCTTACACCTGAAAGATGTCTGCCACCTACCAGATCGTCTTGAAGC
NC_021368.1_Grus_vipio              CTTAGCACCAAGACGTAGCTATAATACAAAAGCATTCAGCTTACACCTGAAAGATATCTGCCACCTATCAGATCGTCTTGAAGC
NC_020573.1_Anthropoides_virgo      CTTAGCACCAAGACGTAGCTATAATACAAAAGCATTCAGCTTACACCTGAAAGATATCTGCCGCCTACCAGATCGTCTTGAAGC
NC_020581.1 Grus antigone           CTTAGCACCAAGACGTAGCTATAATACAAAAGCATTCAGCTTACACCTGAAAGATATCTGCCACCTATCAGATCGTCTTGAAGC
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Supplementary file 8. Alignment of the targeted gene portion of *G. gallus* with other species of the order Charadriiformes. The location of the primers and probe Chic-Turk is underlined on *G. gallus* sequences. Localized sequence differences at primers and probe in sequences of other species are highlighted in grey – *Alignement de la portion du gène ciblé de* G. gallus *avec d'autres espèces de l'ordre des Charadriiformes. La localisation des amorces et sonde Chic-Turk est soulignée sur la séquence de* G. gallus*. Les différences de séquence localisées au niveau des amorces et de la sonde dans les séquences des autres espèces sont surlignées en gris.*

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NC_001323.1_Gallus_gallus           TAGACTACCAAGGCGTAGCTATAACTTCAAAGCATTCAGCTTACACCTGAAAGATACCCTCAACAGACAAGGTCGCCTTGACTT
MN122906.1 Larus marinus            TAGCATATCAAGACGTAGCTATAAAAT-AAAGCATTCAGCTTACACCTGAAAGATATCTGCCAGACACCAGATCGTCTTGAAGC
MN122820.1_Chroicocephalus_ridibundus TAGCATACCAAGGCGTAGCTATAAAAT-AAAGCATTCAGCTTACACCTGAAAGATATCTGCTAAGTACCGGATCGTCTTGAAGC
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