

Alignment_HORVU7Hr1G030220

Pallas_F CGACTGCTACCTCTCCATGTACCTCGCGAAGAAGCCCGACAAGGCCGACCCCAACGAGGC
Pallas_R CGACTGCTACCTCTCCATGTACCTCGCGAAGAAGCCCGACAAGGCCGACCCCAACGAGGC
Brb_F CGACTGCTACCTCTCCATGTACCTCGCGAAGAAGCCCGACAAGGCCGACCCCAACGAGGC
Brb_R CGACTGCTACCTCTCCATGTACCTCGCGAAGAAGCCCGACAAGGCCGACCCCAACGAGGC

Pallas_F CCGCCTCTCCCGCTTCACCTGCTGCGCGCTCTCGGGGGAGCCCTTGCCCCGCCCGCCGT
Pallas_R CCGCCTCTCCCGCTTCACCTGCTGCGCGCTCTCGGGGGAGCCCTTGCCCCGCCCGCCGT
Brb_F CCGCCTCTCCCGCTTCACCTGCTGCGCGCTCTCGGGGGAGCCCTTGCCCCGCCCGCCGT
Brb_R CCGCCTCTCCCGCTTCACCTGCTGCGCGCTCTCGGGGGAGCCCTTGCCCCGCCCGCCGT

Pallas_F CGTGGATCGGCTGGGCAACCTGTTCAACAAGGAGGCCCTCGTCGAGGCGCTCATCCACAA
Pallas_R CGTGGATCGGCTGGGCAACCTGTTCAACAAGGAGGCCCTCGTCGAGGCGCTCATCCACAA
Brb_F CGTGGATCGGCTGGGCAACCTGTTCAACAAGGAGGCCCTCGTCGAGGCGCTCATCCACAA
Brb_R CGTGGATCGGCTGGGCAACCTGTTCAACAAGGAGGCCCTCGTCGAGGCGCTCATCCACAA

Pallas_F GCGCCTGCCCAAGGCGCTCTCGCACATCCGCGGGCTCAAGGACATGATCCCCATCCACCT
Pallas_R GCGCCTGCCCAAGGCGCTCTCGCACATCCGCGGGCTCAAGGACATGATCCCCATCCACCT
Brb_F GCGCCTGCCCAAGGCGCTCTCGCACATCCGCGGGCTCAAGGACATGATCCCCATCCACCT
Brb_R GCGCCTGCCCAAGGCGCTCTCGCACATCCGCGGGCTCAAGGACATGATCCCCATCCACCT

Pallas_F GCACCCCAAGCCCAACGCGGCGGACCAGGAGGTCCGTTTCCAGTGCCCGGTACCGGGTT
Pallas_R GCACCCCAAGCCCAACGCGGCGGACCAGGAGGTCCGTTTCCAGTGCCCGGTACCGGGTT
Brb_F GCACCCCAAGCCCAACGCGGCGGACCAGGAGGTCCGTTTCCAGTGCCCGGTACCGGGTT
Brb_R GCACCCCAAGCCCAACGCGGCGGACCAGGAGGTCCGTTTCCAGTGCCCGGTACCGGGTT

Pallas_F TGAGTTCAACGGCAAGTCCCAGTTCCTTGCCCTCCGTGGATGCGGCCACGTGCTGAGCGT
Pallas_R TGAGTTCAACGGCAAGTCCCAGTTCCTTGCCCTCCGTGGATGCGGCCACGTGCTGAGCGT
Brb_F TGAGTTCAACGGCAAGTCCCAGTTCCTTGCCCTCCGTGGATGCGGCCACGTGCTGAGCGT
Brb_R TGAGTTCAACGGCAAGTCCCAGTTCCTTGCCCTCCGTGGATGCGGCCACGTGCTGAGCGT

Pallas_F GAAGGCTCTCAAGGAGGTGAAGTCGTCTCGTGTGTTGGTCTGCCATAAGGAGTTTCGTTGA
Pallas_R GAAGGCTCTCAAGGAGGTGAAGTCGTCTCGTGTGTTGGTCTGCCATAAGGAGTTTCGTTGA
Brb_F GAAGGCTCTCAAGGAGGTGAAGTCGTCTCGTGTGTTGGTCTGCCATAAGGAGTTTCGTTGA
Brb_R GAAGGCTCTCAAGGAGGTGAAGTCGTCTCGTGTGTTGGTCTGCCATAAGGAGTTTCGTTGA

Pallas_F GGTGGACAAGATGCCCATCAATGGGACCGAGGAGGAGGTGGAAGTGCTGAGGCAGAGGAT
Pallas_R GGTGGACAAGATGCCCATCAATGGGACCGAGGAGGAGGTGGAAGTGCTGAGGCAGAGGAT
Brb_F GGTGGACAAGATGCCCATCAATGGGACCGAGGAGGAGGTGGAAGTGCTGAGGCAGAGGAT
Brb_R GGTGGACAAGATGCCCATCAATGGGACCGAGGAGGAGGTGGAAGTGCTGAGGCAGAGGAT

Pallas_F GGAGGAGGAGAGAGGGAAGCTGAAGGAGAAGAAGGATAAGAAGCTGTGCAATGGGCTCAG
Pallas_R GGAGGAGGAGAGAGGGAAGCTGAAGGAGAAGAAGGATAAGAAGCTGTGCAATGGGCTCAG
Brb_F GGAGGAGGAGAGAGGGAAGCTGAAGGAGAAGAAGGATAAGAAGCTGTGCAATGGGCTCAG
Brb_R GGAGGAGGAGAGAGGGAAGCTGAAGGAGAAGAAGGATAAGAAGCTGTGCAATGGGCTCAG

Pallas_F TGGGAGTAAGCATGCTGCTGCTGCTTCTGCGGTTGCAGACGCTGAGAAGTTGGAGAATGG
Pallas_R TGGGAGTAAGCATGCTGCTGCTGCTTCTGCGGTTGCAGACGCTGAGAAGTTGGAGAATGG
Brb_F TGGGAGTAAGCATGCTGCTGCTGCTTCTGCGGTTGCAGACGCTGAGAAGTTGGAGAATGG
Brb_R TGGGAGTAAGCATGCTGCTGCTGCTTCTGCGGTTGCAGACGCTGAGAAGTTGGAGAATGG

Pallas_F GAAGAAAGGGGAGGCTGCCCCAGCAAAGCGGTTTAAGGCTGCAGATCATGCACCGGCTCA
Pallas_R GAAGAAAGGGGAGGCTGCCCCAGCAAAGCGGTTTAAGGCTGCAGATCATGCACCGGCTCA
Brb_F GAAGAAAGGGGAGGCTGCCCCAGCAAAGCGGTTTAAGGCTGCAGATCATGCACCGGCTCA
Brb_R GAAGAAAGGGGAGGCTGCCCCAGCAAAGCGGTTTAAGGCTGCAGATCATGCACCGGCTCA

Pallas_F	TGCAACAAGAAAGTGTATGCATCAATTTTCACTTCCTCCAACAAGTCTGATTTCAGGGA
Pallas_R	TGCAACAAGAAAGTGTATGCATCAATTTTCACTTCCTCCAACAAGTCTGATTTCAGGGA
Brb_F	TGCAACAAGAAAGTGTATGCATCAATTTTCACTTCCTCCAACAAGTCTGATTTCAGGGA
Brb_R	TGCAACAAGAAAGTGTATGCATCAATTTTCACTTCCTCCAACAAGTCTGATTTCAGGGA

Pallas_F	AACATACTCATGCCGGTCACTCCCCCTGGGAAGGAATTAATCGATGTTGGGGAGATTCC
Pallas_R	AACATACTCATGCCGGTCACTCCCCCTGGGAAGGAATTAATCGATGTTGGGGAGATTCC
Brb_F	AACATACTCATGCCGGTCACTCCCCCTGGGAAGGAATTAATCGATGTTGGGGAGATTCC
Brb_R	AACATACTCATGCCGGTCACTCCCCCTGGGAAGGAATTAATCGATGTTGGGGAGATTCC

Pallas_F	AATGGCATGGAGGTGAACCTCCTGTACTGATTAGCAGGATTAGCTTCATACCATGGCTTGC
Pallas_R	AATGGCATGGAGGTGAACCTCCTGTACTGATTAGCAGGATTAGCTTCATACCATGGCTTGC
Brb_F	AATGGCATGGAGGTGAACCTCCTGTACTGATTAGCAGGATTAGCTTCATACCATGGCTTGC
Brb_R	AATGGCATGGAGGTGAACCTCCTGTACTGATTAGCAGGATTAGCTTCATACCATGGCTTGC

Pallas_F	CCATAAGTTCAGTATTCTTGTTTTAGTTGTTGGTGTTATCTATGCTTGTTCACCTCACAG
Pallas_R	CCATAAGTTCAGTATTCTTGTTTTAGTTGTTGGTGTTATCTATGCTTGTTCACCTCACAG
Brb_F	CCATAAGTTCAGTATTCTTGTTTTAGTTGTTGGTGTTATCTATGCTTGTTCACCTCACAG
Brb_R	CCATAAGTTCAGTATTCTTGTTTTAGTTGTTGGTGTTATCTATGCTTGTTCACCTCACAG

Pallas_F	AGAAGCTATATGTTTTTATAAATGATTTGTGAAATATGTAATGGTTGAAACATTTGGCAC
Pallas_R	AGAAGCTATATGTTTTTATAAATGATTTGTGAAATATGTAATGGTTGAAACATTTGGCAC
Brb_F	AGAAGCTATATGTTTTTATAAATGATTTGTGAAATATGTAATGGTTGAAACATTTGGCAC
Brb_R	AGAAGCTATATGTTTTTATAAATGATTTGTGAAATATGTAATGGTTGAAACATTTGGCAC

Pallas_F	ATATCATTTGGTCCAGTCTTCTCTAGCAATTTGTCTGAGTAATGCTGTAGTTTTCACTCA
Pallas_R	ATATCATTTGGTCCAGTCTTCTCTAGCAATTTGTCTGAGTAATGCTGTAGTTTTCACTCA
Brb_F	ATATCATTTGGTCCAGTCTTCTCTAGCAATTTGTCTGAGTAATGCTGTAGTTTTCACTCA
Brb_R	ATATCATTTGGTCCAGTCTTCTCTAGCAATTTGTCTGAGTAATGCTGTAGTTTTCACTCA

Pallas_F	AAGAGAAGCAATATGTTTTTATAAATGCTTTGTGAAACATGTAATGGTTGAAACAGTTAG
Pallas_R	AAGAGAAGCAATATGTTTTTATAAATGCTTTGTGAAACATGTAATGGTTGAAACAGTTAG
Brb_F	AAGAGAAGCAATATGTTTTTATAAATGCTTTGTGAAACATGTAATGGTTGAAACAGTTAG
Brb_R	AAGAGAAGCAATATGTTTTTATAAATGCTTTGTGAAACATGTAATGGTTGAAACAGTTAG

Pallas_F	CGCTTATTGTTGGGTCCAGTCTTCTCTAGCAATTTGTCTGAGTAATGCTGTAATTTTCCA
Pallas_R	CGCTTATTGTTGGGTCCAGTCTTCTCTAGCAATTTGTCTGAGTAATGCTGTAATTTTCCA
Brb_F	CGCTTATTGTTGGGTCCAGTCTTCTCTAGCAATTTGTCTGAGTAATGCTGTAATTTTCCA
Brb_R	CGCTTATTGTTGGGTCCAGTCTTCTCTAGCAATTTGTCTGAGTAATGCTGTAATTTTCCA

Pallas_F	CTTTGTTTCAAATTTACTCACATCTTAGGTCTCGTCAGGCCAATCCTTTGACCAACAATT
Pallas_R	CTTTGTTTCAAATTTACTCACATCTTAGGTCTCGTCAGGCCAATCCTTTGACCAACAATT
Brb_F	CTTTGTTTCAAATTTACTCACATCTTAGGTCTCGTCAGGCCAATCCTTTGACCAACAATT
Brb_R	CTTTGTTTCAAATTTACTCACATCTTAGGTCTCGTCAGGCCAATCCTTTGACCAACAATT

Pallas_F	ATTCTATTAGTAGACCTAAGGGTCTTAGTGTTCAATTGTTGCAACTTCCACTGTATCTTG
Pallas_R	ATTCTATTAGTAGACCTAAGGGTCTTAGTGTTCAATTGTTGCAACTTCCACTGTATCTTG
Brb_F	ATTCTATTAGTAGACCTAAGGGTCTTAGTGTTCAATTGTTGCAACTTCCACTGTATCTTG
Brb_R	ATTCTATTAGTAGACCTAAGGGTCTTAGTGTTCAATTGTTGCAACTTCCACTGTATCTTG

Pallas_F	GTCATGCAATCCTACATACAATTTGTTTGAATAAGACTGATTTATGTGCACATGCAAGTG
Pallas_R	GTCATGCAATCCTACATACAATTTGTTTGAATAAGACTGATTTATGTGCACATGCAAGTG
Brb_F	GTCATGCAATCCTACATACAATTTGTTTGAATAAGACTGATTTATGTGCACATGCAAGTG
Brb_R	GTCATGCAATCCTACATACAATTTGTTTGAATAAGACTGATTTATGTGCACATGCAAGTG

Pallas_F	GACTCTCAAGATAAATCAACAGTTTCTATGATTTTCAATGTTGTAATCTAGACTGTGCC
Pallas_R	GACTCTCAAGATAAATCAACAGTTTCTATGATTTTCAATGTTGTAATCTAGACTGTGCC
Brb_F	GACTCTCAAGATAAATCAACAGTTTCTATGATTTTCAATGTTGTAATCTAGACTGTGCC
Brb_R	GACTCTCAAGATAAATCAACAGTTTCTATGATTTTCAATGTTGTAATCTAGACTGTGCC

Brb_R	GACTCTCAAGATAAATCAAACAGTTTCTATGATTTTCAATGTTGTAATCTAGACTGTGCC *****
Pallas_F	ACTTTACTGAACAGATAAATATGCATTGTGCTTGTTTTGATGTATAGTTGTCCATGAAGT
Pallas_R	ACTTTACTGAACAGATAAATATGCATTGTGCTTGTTTTGATGTATAGTTGTCCATGAAGT
Brb_F	ACTTTACTGAACAGATAAATATGCATTGTGCTTGTTTTGATGTATAGTTGTCCATGAAGT
Brb_R	ACTTTACTGAACAGATAAATATGCATTGTGCTTGTTTTGATGTATAGTTGTCCATGAAGT *****
Pallas_F	ACGGAATGCGCGTGAAGACAGTCAGCGGTAGAACATTTGGCGCCACATTAATACTAGCAT
Pallas_R	ACGGAATGCGCGTGAAGACAGTCAGCGGTAGAACATTTGGCGCCACATTAATACTAGCAT
Brb_F	ACGGAATGCGCGTGAAGACAGTCAGCGGTAGAACATTTGGCGCCACATTAATACTAGCAT
Brb_R	ACGGAATGCGCGTGAAGACAGTCAGCGGTAGAACATTTGGCGCCACATTAATACTAGCAT *****
Pallas_F	GGTAGTTGCTCTTTACATGCTTCTTTAGATATGCTGTCAAGCTAACCTTGGACATGGTGA
Pallas_R	GGTAGTTGCTCTTTACATGCTTCTTTAGATATGCTGTCAAGCTAACCTTGGACATGGTGA
Brb_F	GGTAGTTGCTCTTTACATGCTTCTTTAGATATGCTGTCAAGCTAACCTTGGACATGGTGA
Brb_R	GGTAGTTGCTCTTTACATGCTTCTTTAGATATGCTGTCAAGCTAACCTTGGACATGGTGA *****
Pallas_F	AAGTTTGCCTATTTTCTTTCAAACCTTCTCCTTTGGGCCTTTATTTCCATAACATGTTTA
Pallas_R	AAGTTTGCCTATTTTCTTTCAAACCTTCTCCTTTGGGCCTTTATTTCCATAACATGTTTA
Brb_F	AAGTTTGCCTATTTTCTTTCAAACCTTCTCCTTTGGGCCTTTATTTCCATAACATGTTTA
Brb_R	AAGTTTGCCTATTTTCTTTCAAACCTTCTCCTTTGGGCCTTTATTTCCATAACATGTTTA *****
Pallas_F	TAATGTACACATGTTATATTTCTCGTTATACCTTTGTCATTTGGGCTATACTATGAATTG
Pallas_R	TAATGTACACATGTTATATTTCTCGTTATACCTTTGTCATTTGGGCTATACTATGAATTG
Brb_F	TAATGTACACATGTTATATTTCTCGTTATACCTTTGTCATTTGGGCTATACTATGAATTG
Brb_R	TAATGTACACATGTTATATTTCTCGTTATACCTTTGTCATTTGGGCTATACTATGAATTG *****
Pallas_F	TAACGTACATACTTATGTAGCTTTTGCTGAATTTACATATTTGCTAATTGTGGATTTTAT
Pallas_R	TAACGTACATACTTATGTAGCTTTTGCTGAATTTACATATTTGCTAATTGTGGATTTTAT
Brb_F	TAACGTACATACTTATGTAGCTTTTGCTGAATTTACATATTTGCTAATTGTGGATTTTAT
Brb_R	TAACGTACATACTTATGTAGCTTTTGCTGAATTTACATATTTGCTAATTGTGGATTTTAT *****
Pallas_F	AAAAAGATCCAAAATAGCTATAATCAATCTACTTCTGCCCTGTATGCACATTGCTGAATA
Pallas_R	AAAAAGATCCAAAATAGCTATAATCAATCTACTTCTGCCCTGTATGCACATTGCTGAATA
Brb_F	AAAAAGATCCAAAATAGCTATAATCAATCTACTTCTGCCCTGTATGCACATTGCTGAATA
Brb_R	AAAAAGATCCAAAATAGCTATAATCAATCTACTTCTGCCCTGTATGCACATTGCTGAATA *****
Pallas_F	AGATTCTGCAAAGATTCATAGGATGCCATGAACTTACTGAGATATCAAGACTAGAGTTGA
Pallas_R	AGATTCTGCAAAGATTCATAGGATGCCATGAACTTACTGAGATATCAAGACTAGAGTTGA
Brb_F	AGATTCTGCAAAGATTCATAGGATGCCATGAACTTACTGAGATATCAAGACTAGAGTTGA
Brb_R	AGATTCTGCAAAGATTCATAGGATGCCATGAACTTACTGAGATATCAAGACTAGAGTTGA *****
Pallas_F	TTTGGACACACAGGAATTTGACACCTCAGTTGTCTAACTCTGTTCAAATTTAGAAGGAAT
Pallas_R	TTTGGACACACAGGAATTTGACACCTCAGTTGTCTAACTCTGTTCAAATTTAGAAGGAAT
Brb_F	TTTGGACACACAGGAATTTGACACCTCAGTTGTCTAACTCTGTTCAAATTTAGAAGGAAT
Brb_R	TTTGGACACACAGGAATTTGACACCTCAGTTGTCTAACTCTGTTCAAATTTAGAAGGAAT *****
Pallas_F	GGTGAAAATAGCTCCTATCAAGAAGACATCCAAATTTATTTTGC GTTAAACATGCGGTACC
Pallas_R	GGTGAAAATAGCTCCTATCAAGAAGACATCCAAATTTATTTTGC GTTAAACATGCGGTACC
Brb_F	GGTGAAAATAGCTCCTATCAAGAAGACATCCAAATTTATTTTGC GTTAAACATGCGGTACC
Brb_R	GGTGAAAATAGCTCCTATCAAGAAGACATCCAAATTTATTTTGC GTTAAACATGCGGTACC *****
Pallas_F	TCCCTCAGACTATTTGTAGTTGGACACACATTAGTTTGTTTTCTTATTCCATACTTGCT
Pallas_R	TCCCTCAGACTATTTGTAGTTGGACACACATTAGTTTGTTTTCTTATTCCATACTTGCT
Brb_F	TCCCTCAGACTATTTGTAGTTGGACACACATTAGTTTGTTTTCTTATTCCATACTTGCT
Brb_R	TCCCTCAGACTATTTGTAGTTGGACACACATTAGTTTGTTTTCTTATTCCATACTTGCT *****

Pallas_F	TTGAAGGGGAGCCGTGGCGCAGCGGCAAAGCTGTTGCCTTGTGACCATTA
Pallas_R	TTGAAGGGGAGCCGTGGCGCAGCGGCAAAGCTGTTGCCTTGTGACCATTA
Brb_F	TTGAAGGGGAGCCGTGGCGCAGCGGCAAAGCTGTTGCCTTGTGACCATTA
Brb_R	TTGAAGGGGAGCCGTGGCGCAGCGGCAAAGCTGTTGCCTTGTGACCATTA

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PALLAS_F	TGTGGCCTATTTTACAGGGTCTTGTTTGTATGGTGGTGCTTGACACAAATTGTCCCCGGT
PALLAS_R	TGTGGCCTATTTTACAGGGTCTTGTTTGTATGGTGGTGCTTGACACAAATTGTCCCCGGT
BRB_F	TGTGGCCTATTTTACAGGGTCTTGTTTGTATGGTGGTGCTTGACACAAATTGTCCCCGGT
BRB_R	TGTGGCCTATTTTACAGGGTCTTGTTTGTATGGTGGTGCTTGACACAAATTGTCCCCGGT

PALLAS_F	GAATAACGTTGCTTCAAAGACTGTGGATTAGGGGCATGCGTTGATTAGGAGATGGTCGGC
PALLAS_R	GAATAACGTTGCTTCAAAGACTGTGGATTAGGGGCATGCGTTGATTAGGAGATGGTCGGC
BRB_F	GAATAACGTTGCTTCAAAGACTGTGGATTAGGGGCATGCGTTGATTAGGAGATGGTCGGC
BRB_R	GAATAACGTTGCTTCAAAGACTGTGGATTAGGGGCATGCGTTGATTAGGAGATGGTCGGC

PALLAS_F	TCTTTGGTTTAATTAATTATCATCATACTAACATTTTGTATCTCAATGGTAACCTAAGT
PALLAS_R	TCTTTGGTTTAATTAATTATCATCATACTAACATTTTGTATCTCAATGGTAACCTAAGT
BRB_F	TCTTTGGTTTAATTAATTATCATCATACTAACATTTTGTATCTCAATGGTAACCTAAGT
BRB_R	TCTTTGGTTTAATTAATTATCATCATACTAACATTTTGTATCTCAATGGTAACCTAAGT

PALLAS_F	CCATGGTACATGAAAATATGTGTGTGTTTGTGGGAACAAAAAATGTGGGTACTCTAAAC
PALLAS_R	CCATGGTACATGAAAATATGTGTGTGTTTGTGGGAACAAAAAATGTGGGTACTCTAAAC
BRB_F	CCATGGTACATGAAAATATGTGTGTGTTTGTGGGAACAAAAAATGTGGGTACTCTAAAC
BRB_R	CCATGGTACATGAAAATATGTGTGTGTTTGTGGGAACAAAAAATGTGGGTACTCTAAAC

PALLAS_F	AGAAGTGTGCGCATCGTCCGAACACCGCCCGTGTGAGGACTAAAAAGAACTTAACCTAA
PALLAS_R	AGAAGTGTGCGCATCGTCCGAACACCGCCCGTGTGAGGACTAAAAAGAACTTAACCTAA
BRB_F	AGAAGTGTGCGCATCGTCCGAACACCGCCCGTGTGAGGACTAAAAAGAACTTAACCTAA
BRB_R	AGAAGTGTGCGCATCGTCCGAACACCGCCCGTGTGAGGACTAAAAAGAACTTAACCTAA

PALLAS_F	ACTACAAGCTCGGGCCGGAGCCGAGGCACTCGAATTTTCCTCACGCGAGGTGCGGAGGG
PALLAS_R	ACTACAAGCTCGGGCCGGAGCCGAGGCACTCGAATTTTCCTCACGCGAGGTGCGGAGGG
BRB_F	ACTACAAGCTCGGGCCGGAGCCGAGGCACTCGAATTTTCCTCACGCGAGGTGCGGAGGG
BRB_R	ACTACAAGCTCGGGCCGGAGCCGAGGCACTCGAATTTTCCTCACGCGAGGTGCGGAGGG

PALLAS_F	AAGACGAATCTACGAGGTCATTGATGGTGCTCGGAGGGAGGTGTATCCCTAAAGGAAAA
PALLAS_R	AAGACGAATCTACGAGGTCATTGATGGTGCTCGGAGGGAGGTGTATCCCTAAAGGAAAA
BRB_F	AAGACGAATCTACGAGGTCATTGATGGTGCTCGGAGGGAGGTGTATCCCTAAAGGAAAA
BRB_R	AAGACGAATCTACGAGGTCATTGATGGTGCTCGGAGGGAGGTGTATCCCTAAAGGAAAA

PALLAS_F	AATAAATAGATATTTTTAAATAATACATTTATTTTCATGATTTTGGAAAAATAATATGCA
PALLAS_R	AATAAATAGATATTTTTAAATAATACATTTATTTTCATGATTTTGGAAAAATAATATGCA
BRB_F	AATAAATAGATATTTTTAAATAATACATTTATTTTCATGATTTTGGAAAAATAATATGCA
BRB_R	AATAAATAGATATTTTTAAATAATACATTTATTTTCATGATTTTGGAAAAATAATATGCA

PALLAS_F	TGTTGAAAGTTTTTCGAAATTAGAATTGAGAAGGCTTCGGCAAAGCCAGTAGGTTCCAGT
PALLAS_R	TGTTGAAAGTTTTTCGAAATTAGAATTGAGAAGGCTTCGGCAAAGCCAGTAGGTTCCAGT
BRB_F	TGTTGAAAGTTTTTCGAAATTAGAATTGAGAAGGCTTCGGCAAAGCCAGTAGGTTCCAGT
BRB_R	TGTTGAAAGTTTTTCGAAATTAGAATTGAGAAGGCTTCGGCAAAGCCAGTAGGTTCCAGT

PALLAS_F	CGGCTTCGACGAAGCTGACAAGTTCCAATCCGCTTCGGCGAAACCAATAGGTACGAGTCA
PALLAS_R	CGGCTTCGACGAAGCTGACAAGTTCCAATCCGCTTCGGCGAAACCAATAGGTACGAGTCA
BRB_F	CGGCTTCGACGAAGCTGACAAGTTCCAATCCGCTTCGGCGAAACCAATAGGTACGAGTCA
BRB_R	CGGCTTCGACGAAGCTGACAAGTTCCAATCCGCTTCGGCGAAACCAATAGGTACGAGTCA

PALLAS_F	GCTTTGGTGAAGCTAATAGGATTTGAGTGGGCTTCAACGAAGCCAATTAGTACCAATTGT
PALLAS_R	GCTTTGGTGAAGCTAATAGGATTTGAGTGGGCTTCAACGAAGCCAATTAGTACCAATTGT
BRB_F	GCTTTGGTGAAGCTAATAGGATTTGAGTGGGCTTCAACGAAGCCAATTAGTACCAATTGT
BRB_R	GCTTTGGTGAAGCTAATAGGATTTGAGTGGGCTTCAACGAAGCCAATTAGTACCAATTGT

PALLAS_F	ATTTGTCAAAATCAATTAGTGCATGCCACATATTTTGCATCGTAATTTTATCCCTAATTT
PALLAS_R	ATTTGTCAAAATCAATTAGTGCATGCCACATATTTTGCATCGTAATTTTATCCCTAATTT
BRB_F	ATTTGTCAAAATCAATTAGTGCATGCCACATATTTTGCATCGTAATTTTATCCCTAATTT
BRB_R	ATTTGTCAAAATCAATTAGTGCATGCCACATATTTTGCATCGTAATTTTATCCCTAATTT

PALLAS_F	TCCGCTACCTGTCTTAGTTTACTACCACCCTCTCCCTAGGTTCTCGCCACCTTTTTC
PALLAS_R	TCCGCTACCTGTCTTAGTTTACTACCACCCTCTCCCTAGGTTCTCGCCACCTTTTTC
BRB_F	TCCGCTACCTGTCTTAGTTTACTACCACCCTCTCCCTAGGTTCTCGCCACCTTTTTC
BRB_R	TCCGCTACCTGTCTTAGTTTACTACCACCCTCTCCCTAGGTTCTCGCCACCTTTTTC

PALLAS_F	TCCATTCTTTCCCGCCATCTTCTTTCACGTCATTTTCTTTCCCGCTATTCTTTCCTAAT
PALLAS_R	TCCATTCTTTCCCGCCATCTTCTTTCACGTCATTTTCTTTCCCGCTATTCTTTCCTAAT
BRB_F	TCCATTCTTTCCCGCCATCTTCTTTCACGTCATTTTCTTTCCCGCTATTCTTTCCTAAT
BRB_R	TCCATTCTTTCCCGCCATCTTCTTTCACGTCATTTTCTTTCCCGCTATTCTTTCCTAAT

PALLAS_F	TGAATAAGGACAATAGAATAGTTTGATGGAACGAACCTATAAGTAGTGACACCCTACACA
PALLAS_R	TGAATAAGGACAATAGAATAGTTTGATGGAACGAACCTATAAGTAGTGACACCCTACACA
BRB_F	TGAATAAGGACAATAGAATAGTTTGATGGAACGAACCTATAAGTAGTGACACCCTACACA
BRB_R	TGAATAAGGACAATAGAATAGTTTGATGGAACGAACCTATAAGTAGTGACACCCTACACA

PALLAS_F	ATGAGCTGGGTCAAACATTAACCTCGTTGTGGGTGGCCTTCACGGACCTTTGAGGATATAC
PALLAS_R	ATGAGCTGGGTCAAACATTAACCTCGTTGTGGGTGGCCTTCACGGACCTTTGAGGATATAC
BRB_F	ATGAGCTGGGTCAAACATTAACCTCGTTGTGGGTGGCCTTCACGGACCTTTGAGGATATAC
BRB_R	ATGAGCTGGGTCAAACATTAACCTCGTTGTGGGTGGCCTTCACGGACCTTTGAGGATATAC

PALLAS_F	GGAAAGAAATTCTCAGGTTGCATGAAAGATGGATGAAGCAACACCATAAGAGTGAATCAT
PALLAS_R	GGAAAGAAATTCTCAGGTTGCATGAAAGATGGATGAAGCAACACCATAAGAGTGAATCAT
BRB_F	GGAAAGAAATTCTCAGGTTGCATGAAAGATGGATGAAGCAACACCATAAGAGTGAATCAT
BRB_R	GGAAAGAAATTCTCAGGTTGCATGAAAGATGGATGAAGCAACACCATAAGAGTGAATCAT

PALLAS_F	TCCTAAAGTATGCAACAGAACATAATTTTTATGGAGTGCCGACAACAATGACGAAGACG
PALLAS_R	TCCTAAAGTATGCAACAGAACATAATTTTTATGGAGTGCCGACAACAATGACGAAGACG
BRB_F	TCCTAAAGTATGCAACAGAACATAATTTTTATGGAGTGCCGACAACAATGACGAAGACG
BRB_R	TCCTAAAGTATGCAACAGAACATAATTTTTATGGAGTGCCGACAACAATGACGAAGACG

PALLAS_F	ATATCTTCATGCCGAGCACCAAGGCCAAGACTACCACATCGTCGAAGGGCAAGAATGTTG
PALLAS_R	ATATCTTCATGCCGAGCACCAAGGCCAAGACTACCACATCGTCGAAGGGCAAGAATGTTG
BRB_F	ATATCTTCATGCCGAGCACCAAGGCCAAGACTACCACATCGTCGAAGGGCAAGAATGTTG
BRB_R	ATATCTTCATGCCGAGCACCAAGGCCAAGACTACCACATCGTCGAAGGGCAAGAATGTTG

PALLAS_F	CATCGACGGAGGATGCCGATGATGGCTTCATGTAGTTTTTAAGCTGTAGTTTTTAAGTTC
PALLAS_R	CATCGACGGAGGATGCCGATGATGGCTTCATGTAGTTTTTAAGCTGTAGTTTTTAAGTTC
BRB_F	CATCGACGGAGGATGCCGATGATGGCTTCATGTAGTTTTTAAGCTGTAGTTTTTAAGTTC
BRB_R	CATCGACGGAGGATGCCGATGATGGCTTCATGTAGTTTTTAAGCTGTAGTTTTTAAGTTC

PALLAS_F	AGTCCTACCGTTTAATTCAGTTGTACTTGTATCTTAATTATCTATTGTGGTTTCTTTGAA
PALLAS_R	AGTCCTACCGTTTAATTCAGTTGTACTTGTATCTTAATTATCTATTGTGGTTTCTTTGAA
BRB_F	AGTCCTACCGTTTAATTCAGTTGTACTTGTATCTTAATTATCTATTGTGGTTTCTTTGAA
BRB_R	AGTCCTACCGTTTAATTCAGTTGTACTTGTATCTTAATTATCTATTGTGGTTTCTTTGAA

PALLAS_F	AATGTGACTCGAATAATAATGAGGTTTCAATGGCCTCAACCACACAATACATTGGGAGAT
PALLAS_R	AATGTGACTCGAATAATAATGAGGTTTCAATGGCCTCAACCACACAATACATTGGGAGAT
BRB_F	AATGTGACTCGAATAATAATGAGGTTTCAATGGCCTCAACCACACAATACATTGGGAGAT
BRB_R	AATGTGACTCGAATAATAATGAGGTTTCAATGGCCTCAACCACACAATACATTGGGAGAT

PALLAS_F	ACAAGGATGAAAACCTACCATCAAAATGAAAATCGGACATCTTCACGAGACTATACCGAAC
PALLAS_R	ACAAGGATGAAAACCTACCATCAAAATGAAAATCGGACATCTTCACGAGACTATACCGAAC
BRB_F	ACAAGGATGAAAACCTACCATCAAAATGAAAATCGGACATCTTCACGAGACTATACCGAAC
BRB_R	ACAAGGATGAAAACCTACCATCAAAATGAAAATCGGACATCTTCACGAGACTATACCGAAC

BRB_R	ACAAGGATGAAAACCTACCATCAAATGAAAATCGGACATCTTCACGAGACTATACCGAAC *****
PALLAS_F PALLAS_R BRB_F BRB_R	TACGATCAAAATGACGGAAAAGAAGATGACGGAAAAGAATGGCATGAATAAGTGTACAGA TACGATCAAAATGACGGAAAAGAAGATGACGGAAAAGAATGGCATGAATAAGTGTACAGA TACGATCAAAATGACGGAAAAGAAGATGACGGAAAAGAATGGCATGAATAAGTGTACAGA TACGATCAAAATGACGGAAAAGAAGATGACGGAAAAGAATGGCATGAATAAGTGTACAGA *****
PALLAS_F PALLAS_R BRB_F BRB_R	AAAGGTAGCGGAAAACCTAGGAAGAGGTAGGGGAAAACCTAGGGATAAAATTACGATGAAAA AAAGGTAGCGGAAAACCTAGGAAGAGGTAGGGGAAAACCTAGGGATAAAATTACGATGAAAA AAAGGTAGCGGAAAACCTAGGAAGAGGTAGGGGAAAACCTAGGGATAAAATTACGATGAAAA AAAGGTAGCGGAAAACCTAGGAAGAGGTAGGGGAAAACCTAGGGATAAAATTACGATGAAAA *****
PALLAS_F PALLAS_R BRB_F BRB_R	ATATATGGCATGCATTAATTGGTTTCGGCGAAGCTAATTAGTACTAATTAGCTTCATGGT ATATATGGCATGCATTAATTGGTTTCGGCGAAGCTAATTAGTACTAATTAGCTTCATGGT ATATATGGCATGCATTAATTGGTTTCGGCGAAGCTAATTAGTACTAATTAGCTTCATGGT ATATATGGCATGCATTAATTGGTTTCGGCGAAGCTAATTAGTACTAATTAGCTTCATGGT *****
PALLAS_F PALLAS_R BRB_F BRB_R	ATATGTTAGCTTCGCTGAAGCTGACTAGAATCTATCAGCTTCGTGCGAAGCCGACTGGATT ATATGTTAGCTTCGCTGAAGCTGACTAGAATCTATCAGCTTCGTGCGAAGCCGACTGGATT ATATGTTAGCTTCGCTGAAGCTGACTAGAATCTATCAGCTTCGTGCGAAGCCGACTGGATT ATATGTTAGCTTCGCTGAAGCTGACTAGAATCTATCAGCTTCGTGCGAAGCCGACTGGATT *****
PALLAS_F PALLAS_R BRB_F BRB_R	CTATTTTAAAAAACTTATAACTTGCCTATTACTTCTCCGTTTTAAAAATTCTTGTCTTAA CTATTTTAAAAAACTTATAACTTGCCTATTACTTCTCCGTTTTAAAAATTCTTGTCTTAA CTATTTTAAAAAACTTATAACTTGCCTATTACTTCTCCGTTTTAAAAATTCTTGTCTTAA CTATTTTAAAAAACTTATAACTTGCCTATTACTTCTCCGTTTTAAAAATTCTTGTCTTAA *****
PALLAS_F PALLAS_R BRB_F BRB_R	ATTTATTTAGATGTGAATGTATCTAGTCAAATTTTAGTATTTTGATATATTTATTTCTAG ATTTATTTAGATGTGAATGTATCTAGTCAAATTTTAGTATTTTGATATATTTATTTCTAG ATTTATTTAGATGTGAATGTATCTAGTCAAATTTTAGTATTTTGATATATTTATTTCTAG ATTTATTTAGATGTGAATGTATCTAGTCAAATTTTAGTATTTTGATATATTTATTTCTAG *****
PALLAS_F PALLAS_R BRB_F BRB_R	GCAAAGCTAAGACAAGAATTTTAGGACGGAAGGAGTATTTATTTAAAATCATAAAAATAAA GCAAAGCTAAGACAAGAATTTTAGGACGGAAGGAGTATTTATTTAAAATCATAAAAATAAA GCAAAGCTAAGACAAGAATTTTAGGACGGAAGGAGTATTTATTTAAAATCATAAAAATAAA GCAAAGCTAAGACAAGAATTTTAGGACGGAAGGAGTATTTATTTAAAATCATAAAAATAAA *****
PALLAS_F PALLAS_R BRB_F BRB_R	TGTATTATTTTAAAAAATAGCAAAGAAATAGAGCACTGACAATCAAATTACTGAAATCCC TGTATTATTTTAAAAAATAGCAAAGAAATAGAGCACTGACAATCAAATTACTGAAATCCC TGTATTATTTTAAAAAATAGCAAAGAAATAGAGCACTGACAATCAAATTACTGAAATCCC TGTATTATTTTAAAAAATAGCAAAGAAATAGAGCACTGACAATCAAATTACTGAAATCCC *****
PALLAS_F PALLAS_R BRB_F BRB_R	ATGTTTATACCAGCTGTAATTTGCAGCTCTTAAGCAAAGTCAGAAAAAAAAAAGTAGACAG ATGTTTATACCAGCTGTAATTTGCAGCTCTTAAGCAAAGTCAGAAAAAAAAAAGTAGACAG ATGTTTATACCAGCTGTAATTTGCAGCTCTTAAGCAAAGTCAGAAAAAAAAAAGTAGACAG ATGTTTATACCAGCTGTAATTTGCAGCTCTTAAGCAAAGTCAGAAAAAAAAAAGTAGACAG *****
PALLAS_F PALLAS_R BRB_F BRB_R	AAGGTCAGTATATAAACGCCAAAGAGTTGCACGAACCGAACTCAGTTAGTTTTCCATTTG AAGGTCAGTATATAAACGCCAAAGAGTTGCACGAACCGAACTCAGTTAGTTTTCCATTTG AAGGTCAGTATATAAACGCCAAAGAGTTGCACGAACCGAACTCAGTTAGTTTTCCATTTG AAGGTCAGTATATAAACGCCAAAGAGTTGCACGAACCGAACTCAGTTAGTTTTCCATTTG *****
PALLAS_F PALLAS_R BRB_F BRB_R	AAAATTGGCACCTTAGCACGGGATTATAAAGGCGCGCACGTAGCGAAGCTAGTTCGCCTC AAAATTGGCACCTTAGCACGGGATTATAAAGGCGCGCACGTAGCGAAGCTAGTTCGCCTC AAAATTGGCACCTTAGCACGGGATTATAAAGGCGCGCACGTAGCGAAGCTAGTTCGCCTC AAAATTGGCACCTTAGCACGGGATTATAAAGGCGCGCACGTAGCGAAGCTAGTTCGCCTC *****

PALLAS_F	GCCTCCTCCATACTCTCCTCCTGCCTTCTCGCGACCGCATTTACCCGCCAGCTCGTAGCT
PALLAS_R	GCCTCCTCCATACTCTCCTCCTGCCTTCTCGCGACCGCATTTACCCGCCAGCTCGTAGCT
BRB_F	GCCTCCTCCATACTCTCCTCCTGCCTTCTCGCGACCGCATTTACCCGCCAGCTCGTAGCT
BRB_R	GCCTCCTCCATACTCTCCTCCTGCCTTCTCGCGACCGCATTTACCCGCCAGCTCGTAGCT

PALLAS_F	GCACAGCCCGGGACGCAGCCCGCGCAGAGACCGATGGCAGGCGGTGACGGCGGCGGGG
PALLAS_R	GCACAGCCCGGGACGCAGCCCGCGCAGAGACCGATGGCAGGCGGTGACGGCGGCGGGG
BRB_F	GCACAGCCCGGGACGCAGCCCGCGCAGAGACCGATGGCAGGCGGTGACGGCGGCGGGG
BRB_R	GCACAGCCCGGGACGCAGCCCGCGCAGAGACCGATGGCAGGCGGTGACGGCGGCGGGG

PALLAS_F	GCGGCGGCGCGCAGGACGACTTCTTCGACCAGATGCTGTGACGCTGCCCTCCGCCTGGG
PALLAS_R	GCGGCGGCGCGCAGGACGACTTCTTCGACCAGATGCTGTGACGCTGCCCTCCGCCTGGG
BRB_F	GCGGCGGCGCGCAGGACGACTTCTTCGACCAGATGCTGTGACGCTGCCCTCCGCCTGGG
BRB_R	GCGGCGGCGCGCAGGACGACTTCTTCGACCAGATGCTGTGACGCTGCCCTCCGCCTGGG

PALLAS_F	GCGACCTTGCGCCGGCGGGAAGTCGCCCTGGGAGATCGCGGCCGGCGCCGAGGACCTCG
PALLAS_R	GCGACCTTGCGCCGGCGGGAAGTCGCCCTGGGAGATCGCGGCCGGCGCCGAGGACCTCG
BRB_F	GCGACCTTGCGCCGGCGGGAAGTCGCCCTGGGAGATCGCGGCCGGCGCCGAGGACCTCG
BRB_R	GCGACCTTGCGCCGGCGGGAAGTCGCCCTGGGAGATCGCGGCCGGCGCCGAGGACCTCG

PALLAS_F	GAGCCTTCGACGAGTCGGCGCTGCTCGCGTCCAGGCTCCGGCAGCACCAGATCGGCGGAG
PALLAS_R	GAGCCTTCGACGAGTCGGCGCTGCTCGCGTCCAGGCTCCGGCAGCACCAGATCGGCGGAG
BRB_F	GAGCCTTCGACGAGTCGGCGCTGCTCGCGTCCAGGCTCCGGCAGCACCAGATCGGCGGAG
BRB_R	GAGCCTTCGACGAGTCGGCGCTGCTCGCGTCCAGGCTCCGGCAGCACCAGATCGGCGGAG

PALLAS_F	AGAAGCCGGTGATGCTGCAGCTCACCGACCTCCAGCGGCAGGGCCTCGGCGAGGAGACCG
PALLAS_R	AGAAGCCGGTGATGCTGCAGCTCACCGACCTCCAGCGGCAGGGCCTCGGCGAGGAGACCG
BRB_F	AGAAGCCGGTGATGCTGCAGCTCACCGACCTCCAGCGGCAGGGCCTCGGCGAGGAGACCG
BRB_R	AGAAGCCGGTGATGCTGCAGCTCACCGACCTCCAGCGGCAGGGCCTCGGCGAGGAGACCG

PALLAS_F	GCGGCACGGGGTTCTCGCCGCTGCCGCTGTTTCGCGGACCGGTGCGCCCCGAGTCGCGGG
PALLAS_R	GCGGCACGGGGTTCTCGCCGCTGCCGCTGTTTCGCGGACCGGTGCGCCCCGAGTCGCGGG
BRB_F	GCGGCACGGGGTTCTCGCCGCTGCCGCTGTTTCGCGGACCGGTGCGCCCCGAGTCGCGGG
BRB_R	GCGGCACGGGGTTCTCGCCGCTGCCGCTGTTTCGCGGACCGGTGCGCCCCGAGTCGCGGG

PALLAS_F	AGGAGATGGACGGCGGCTTCAAGTCGCCCAATGGCACGGTATAGGATCCTTTTTCATCCT
PALLAS_R	AGGAGATGGACGGCGGCTTCAAGTCGCCCAATGGCACGGTATAGGATCCTTTTTCATCCT
BRB_F	AGGAGATGGACGGCGGCTTCAAGTCGCCCAATGGCACGGTATAGGATCCTTTTTCATCCT
BRB_R	AGGAGATGGACGGCGGCTTCAAGTCGCCCAATGGCACGGTATAGGATCCTTTTTCATCCT

PALLAS_F	CGTTCTCTCTCTGCCGTTCTTAATTTCTCTAGTCAAAATTTCCCTTGACGACATGGACTC
PALLAS_R	CGTTCTCTCTCTGCCGTTCTTAATTTCTCTAGTCAAAATTTCCCTTGACGACATGGACTC
BRB_F	CGTTCTCTCTCTGCCGTTCTTAATTTCTCTAGTCAAAATTTCCCTTGACGACATGGACTC
BRB_R	CGTTCTCTCTCTGCCGTTCTTAATTTCTCTAGTCAAAATTTCCCTTGACGACATGGACTC

PALLAS_F	GTTTTGTGCGGGCGCGTGCCTGCATGCATGCAGGGAGGTGACCACGCGCTGTTCAACGGA
PALLAS_R	GTTTTGTGCGGGCGCGTGCCTGCATGCATGCAGGGAGGTGACCACGCGCTGTTCAACGGA
BRB_F	GTTTTGTGCGGGCGCGTGCCTGCATGCATGCAGGGAGGTGACCACGCGCTGTTCAACGGA
BRB_R	GTTTTGTGCGGGCGCGTGCCTGCATGCATGCAGGGAGGTGACCACGCGCTGTTCAACGGA

PALLAS_F	TTTGGGGTGATGGCGGCGCCGCCGCGGTGCAGCCGACGTTTCGGCCAGGTACGAACCTGC
PALLAS_R	TTTGGGGTGATGGCGGCGCCGCCGCGGTGCAGCCGACGTTTCGGCCAGGTACGAACCTGC
BRB_F	TTTGGGGTGATGGCGGCGCCGCCGCGGTGCAGCCGACGTTTCGGCCAGGTACGAACCTGC
BRB_R	TTTGGGGTGATGGCGGCGCCGCCGCGGTGCAGCCGACGTTTCGGCCAGGTACGAACCTGC

PALLAS_F	ATGCACCTGTACTACGATCCACGCACGACCGTGTGAAGCAGCACCATATAATCGCATGTT
PALLAS_R	ATGCACCTGTACTACGATCCACGCACGACCGTGTGAAGCAGCACCATATAATCGCATGTT
BRB_F	ATGCACCTGTACTACGATCCACGCACGACCGTGTGAAGCAGCACCATATAATCGCATGTT
BRB_R	ATGCACCTGTACTACGATCCACGCACGACCGTGTGAAGCAGCACCATATAATCGCATGTT

BRB_R	ATGCACCTGTACTACGATCCACGCACGACCGTGTGAAGCAGCACCATATAATCGCATGTT *****
PALLAS_F	CTTTGATCGCTGGCAGGGAGGATCAATGTCGGGGCAGAGCTTCGGAGGAGGGCCGGCGGC
PALLAS_R	CTTTGATCGCTGGCAGGGAGGATCAATGTCGGGGCAGAGCTTCGGAGGAGGGCCGGCGGC
BRB_F	CTTTGATCGCTGGCAGGGAGGATCAATGTCGGGGCAGAGCTTCGGAGGAGGGCCGGCGGC
BRB_R	CTTTGATCGCTGGCAGGGAGGATCAATGTCGGGGCAGAGCTTCGGAGGAGGGCCGGCGGC *****
PALLAS_F	GAGCGGAGGCACGACAGCGCCCGCCTCCTCTGGCGGCGGCGCGGCCCGCCGCGGCAGAC
PALLAS_R	GAGCGGAGGCACGACAGCGCCCGCCTCCTCTGGCGGCGGCGCGGCCCGCCGCGGCAGAC
BRB_F	GAGCGGAGGCACGACAGCGCCCGCCTCCTCTGGCGGCGGCGCGGCCCGCCGCGGCAGAC
BRB_R	GAGCGGAGGCACGACAGCGCCCGCCTCCTCTGGCGGCGGCGCGGCCCGCCGCGGCAGAC *****
PALLAS_F	GCGCGTGCGGGCGAGGCGAGGGCAGGCCACCGACCCGCACAGCATCGCCGAACGTGTACG
PALLAS_R	GCGCGTGCGGGCGAGGCGAGGGCAGGCCACCGACCCGCACAGCATCGCCGAACGTGTACG
BRB_F	GCGCGTGCGGGCGAGGCGAGGGCAGGCCACCGACCCGCACAGCATCGCCGAACGTGTACG
BRB_R	GCGCGTGCGGGCGAGGCGAGGGCAGGCCACCGACCCGCACAGCATCGCCGAACGTGTACG *****
PALLAS_F	CATGCCACTCCCACACTCTCACCAGTATTCCCCCTTCCCATGACCCAATTTTAAAAACAA
PALLAS_R	CATGCCACTCCCACACTCTCACCAGTATTCCCCCTTCCCATGACCCAATTTTAAAAACAA
BRB_F	CATGCCACTCCCACACTCTCACCAGTATTCCCCCTTCCCATGACCCAATTTTAAAAACAA
BRB_R	CATGCCACTCCCACACTCTCACCAGTATTCCCCCTTCCCATGACCCAATTTTAAAAACAA *****
PALLAS_F	AACCCCAACATGTTGGTGCACATCAACAACAACCCAAAGTCTTCCAATCCTCCAACGTAT
PALLAS_R	AACCCCAACATGTTGGTGCACATCAACAACAACCCAAAGTCTTCCAATCCTCCAACGTAT
BRB_F	AACCCCAACATGTTGGTGCACATCAACAACAACCCAAAGTCTTCCAATCCTCCAACGTAT
BRB_R	AACCCCAACATGTTGGTGCACATCAACAACAACCCAAAGTCTTCCAATCCTCCAACGTAT *****
PALLAS_F	ATATTCTCTGCAAATTTGATCGCTCCTCTTTTTTATAACAGTAGAAGCAGGAACCGTTCT
PALLAS_R	ATATTCTCTGCAAATTTGATCGCTCCTCTTTTTTATAACAGTAGAAGCAGGAACCGTTCT
BRB_F	ATATTCTCTGCAAATTTGATCGCTCCTCTTTTTTATAACAGTAGAAGCAGGAACCGTTCT
BRB_R	ATATTCTCTGCAAATTTGATCGCTCCTCTTTTTTATAACAGTAGAAGCAGGAACCGTTCT *****
PALLAS_F	GTACCTACGCTACGCTATGCTATGCTATGATATGCTATGCTTGTAACTCAAACCTGAAATTT
PALLAS_R	GTACCTACGCTACGCTATGCTATGCTATGATATGCTATGCTTGTAACTCAAACCTGAAATTT
BRB_F	GTACCTACGCTACGCTATGCTATGCTATGATATGCTATGCTTGTAACTCAAACCTGAAATTT
BRB_R	GTACCTACGCTACGCTATGCTATGCTATGATATGCTATGCTTGTAACTCAAACCTGAAATTT *****
PALLAS_F	GAACGACTTTTTACCCTGAGCAACTCGCGTGCATGCAGCTCCGGCGGGAGAGGATCGCGG
PALLAS_R	GAACGACTTTTTACCCTGAGCAACTCGCGTGCATGCAGCTCCGGCGGGAGAGGATCGCGG
BRB_F	GAACGACTTTTTACCCTGAGCAACTCGCGTGCATGCAGCTCCGGCGGGAGAGGATCGCGG
BRB_R	GAACGACTTTTTACCCTGAGCAACTCGCGTGCATGCAGCTCCGGCGGGAGAGGATCGCGG *****
PALLAS_F	AGCGGATGAAGTCGCTGCAGGAGCTGGTCCCCAACGCCAACAAAGGTACGTAAAACAATCA
PALLAS_R	AGCGGATGAAGTCGCTGCAGGAGCTGGTCCCCAACGCCAACAAAGGTACGTAAAACAATCA
BRB_F	AGCGGATGAAGTCGCTGCAGGAGCTGGTCCCCAACGCCAACAAAGGTACGTAAAACAATCA
BRB_R	AGCGGATGAAGTCGCTGCAGGAGCTGGTCCCCAACGCCAACAAAGGTACGTAAAACAATCA *****
PALLAS_F	CGTCCCCGACGAGAATCTCTCGGCGATCAAACCGTATCGTGTAGAAAATTCCTGCGTTTC
PALLAS_R	CGTCCCCGACGAGAATCTCTCGGCGATCAAACCGTATCGTGTAGAAAATTCCTGCGTTTC
BRB_F	CGTCCCCGACGAGAATCTCTCGGCGATCAAACCGTATCGTGTAGAAAATTCCTGCGTTTC
BRB_R	CGTCCCCGACGAGAATCTCTCGGCGATCAAACCGTATCGTGTAGAAAATTCCTGCGTTTC *****
PALLAS_F	CCATCGACCTGAAACTGAAAGCCAGGAATCTCTCCCTGAAAGCCAGGAATCTCTCCCGGC
PALLAS_R	CCATCGACCTGAAACTGAAAGCCAGGAATCTCTCCCTGAAAGCCAGGAATCTCTCCCGGC
BRB_F	CCATCGACCTGAAACTGAAAGCCAGGAATCTCTCCCTGAAAGCCAGGAATCTCTCCCGGC
BRB_R	CCATCGACCTGAAACTGAAAGCCAGGAATCTCTCCCTGAAAGCCAGGAATCTCTCCCGGC *****

PALLAS_F	GCGTGGGGGTGGGGGCTCGCCTGTCTATGCTACTAGTGGGCTTGTATGGTAGCAGTGCAG
PALLAS_R	GCGTGGGGGTGGGGGCTCGCCTGTCTATGCTACTAGTGGGCTTGTATGGTAGCAGTGCAG
BRB_F	GCGTGGGGGTGGGGGCTCGCCTGTCTATGCTACTAGTGGGCTTGTATGGTAGCAGTGCAG
BRB_R	GCGTGGGGGTGGGGGCTCGCCTGTCTATGCTACTAGTGGGCTTGTATGGTAGCAGTGCAG

PALLAS_F	AAAAGGGCACGCCGGCCGGCCGGTTGGTGAGCGAGGGTGCGGCGTCGCTCCTGTCTAGCT
PALLAS_R	AAAAGGGCACGCCGGCCGGCCGGTTGGTGAGCGAGGGTGCGGCGTCGCTCCTGTCTAGCT
BRB_F	AAAAGGGCACGCCGGCCGGCCGGTTGGTGAGCGAGGGTGCGGCGTCGCTCCTGTCTAGCT
BRB_R	AAAAGGGCACGCCGGCCGGCCGGTTGGTGAGCGAGGGTGCGGCGTCGCTCCTGTCTAGCT

PALLAS_F	CACGGGTCACGCCATGATGTGATGTGATGTGATGTGACATGTGTGCCGTCGAAGCGTGCG
PALLAS_R	CACGGGTCACGCCATGATGTGATGTGATGTGATGTGACATGTGTGCCGTCGAAGCGTGCG
BRB_F	CACGGGTCACGCCATGATGTGATGTGATGTGATGTGACATGTGTGCCGTCGAAGCGTGCG
BRB_R	CACGGGTCACGCCATGATGTGATGTGATGTGATGTGACATGTGTGCCGTCGAAGCGTGCG

PALLAS_F	CAGCACAGGAGACGCAGCACGTGTCGAGCTCGTGCTGGAAATGGCTTGGACCGGAGAAGG
PALLAS_R	CAGCACAGGAGACGCAGCACGTGTCGAGCTCGTGCTGGAAATGGCTTGGACCGGAGAAGG
BRB_F	CAGCACAGGAGACGCAGCACGTGTCGAGCTCGTGCTGGAAATGGCTTGGACCGGAGAAGG
BRB_R	CAGCACAGGAGACGCAGCACGTGTCGAGCTCGTGCTGGAAATGGCTTGGACCGGAGAAGG

PALLAS_F	CCGCAGCCTTGGGTGGCTCTTGGGCTAGCTGAAGAATTCAGCTGATGCCGGGATGGCAAA
PALLAS_R	CCGCAGCCTTGGGTGGCTCTTGGGCTAGCTGAAGAATTCAGCTGATGCCGGGATGGCAAA
BRB_F	CCGCAGCCTTGGGTGGCTCTTGGGCTAGCTGAAGAATTCAGCTGATGCCGGGATGGCAAA
BRB_R	CCGCAGCCTTGGGTGGCTCTTGGGCTAGCTGAAGAATTCAGCTGATGCCGGGATGGCAAA

PALLAS_F	TGAGGCGTGCAGTGAATGGGCACATGGGCGCATTGGATGCCCTGTTTCGCTCGATCCGCC
PALLAS_R	TGAGGCGTGCAGTGAATGGGCACATGGGCGCATTGGATGCCCTGTTTCGCTCGATCCGCC
BRB_F	TGAGGCGTGCAGTGAATGGGCACATGGGCGCATTGGATGCCCTGTTTCGCTCGATCCGCC
BRB_R	TGAGGCGTGCAGTGAATGGGCACATGGGCGCATTGGATGCCCTGTTTCGCTCGATCCGCC

PALLAS_F	ATGCCCTTCTAGTCCGGTAGTCATAATTACAGGCCATTTGTCAATGCCCGGATATGTGAT
PALLAS_R	ATGCCCTTCTAGTCCGGTAGTCATAATTACAGGCCATTTGTCAATGCCCGGATATGTGAT
BRB_F	ATGCCCTTCTAGTCCGGTAGTCATAATTACAGGCCATTTGTCAATGCCCGGATATGTGAT
BRB_R	ATGCCCTTCTAGTCCGGTAGTCATAATTACAGGCCATTTGTCAATGCCCGGATATGTGAT

PALLAS_F	CGCGCTGAAATCGAGCCGTTTCGTGTAGTATGTAAAAATCTATGCGCCGTGGTGGTAGAA
PALLAS_R	CGCGCTGAAATCGAGCCGTTTCGTGTAGTATGTAAAAATCTATGCGCCGTGGTGGTAGAA
BRB_F	CGCGCTGAAATCGAGCCGTTTCGTGTAGTATGTAAAAATCTATGCGCCGTGGTGGTAGAA
BRB_R	CGCGCTGAAATCGAGCCGTTTCGTGTAGTATGTAAAAATCTATGCGCCGTGGTGGTAGAA

PALLAS_F	TACTCGTTAGAAGGGGCGGTTACTGATGAGATGGCCATGCCGTTGGATTGTTGATTTCGCA
PALLAS_R	TACTCGTTAGAAGGGGCGGTTACTGATGAGATGGCCATGCCGTTGGATTGTTGATTTCGCA
BRB_F	TACTCGTTAGAAGGGGCGGTTACTGATGAGATGGCCATGCCGTTGGATTGTTGATTTCGCA
BRB_R	TACTCGTTAGAAGGGGCGGTTACTGATGAGATGGCCATGCCGTTGGATTGTTGATTTCGCA

PALLAS_F	GACTGACAAGGCGTCGATGCTGGACGAGATCATCGACTACGTCAAGTTCCTGCAGTCCA
PALLAS_R	GACTGACAAGGCGTCGATGCTGGACGAGATCATCGACTACGTCAAGTTCCTGCAGTCCA
BRB_F	GACTGACAAGGCGTCGATGCTGGACGAGATCATCGACTACGTCAAGTTCCTGCAGTCCA
BRB_R	GACTGACAAGGCGTCGATGCTGGACGAGATCATCGACTACGTCAAGTTCCTGCAGTCCA

PALLAS_F	AGTCAAGGTATATATACAGAGGTGTTTCGATGACAGAGGTTGCTCTGTGTTCCCTGCTTC
PALLAS_R	AGTCAAGGTATATATACAGAGGTGTTTCGATGACAGAGGTTGCTCTGTGTTCCCTGCTTC
BRB_F	AGTCAAGGTATATATACAGAGGTGTTTCGATGACAGAGGTTGCTCTGTGTTCCCTGCTTC
BRB_R	AGTCAAGGTATATATACAGAGGTGTTTCGATGACAGAGGTTGCTCTGTGTTCCCTGCTTC

PALLAS_F	TGATTACGTAATACGACCTGTGGAGGTGACACCACGCTTTTGTCTGTGAGTTCTGAGC
PALLAS_R	TGATTACGTAATACGACCTGTGGAGGTGACACCACGCTTTTGTCTGTGAGTTCTGAGC
BRB_F	TGATTACGTAATACGACCTGTGGAGGTGACACCACGCTTTTGTCTGTGAGTTCTGAGC
BRB_R	TGATTACGTAATACGACCTGTGGAGGTGACACCACGCTTTTGTCTGTGAGTTCTGAGC

BRB_R	TGATTACGTAATACGACCTGTGGAGGTGACACCACGCTTTTGTCTGTGTCAGGTTCTGAGC *****
PALLAS_F	ATGAGCCGGCTGGGCGGGGCGGCCGGTATGGCGCCGCTGGTGGCCAGCATGTCCTCCGAG
PALLAS_R	ATGAGCCGGCTGGGCGGGGCGGCCGGTATGGCGCCGCTGGTGGCCAGCATGTCCTCCGAG
BRB_F	ATGAGCCGGCTGGGCGGGGCGGCCGGTATGGCGCCGCTGGTGGCCAGCATGTCCTCCGAG
BRB_R	ATGAGCCGGCTGGGCGGGGCGGCCGGTATGGCGCCGCTGGTGGCCAGCATGTCCTCCGAG *****
PALLAS_F	GTAGGGGTACTCAAAGCCAGCACCCGTTGGAACCTACGTAATAACTTAAGTTGCCGTTCA
PALLAS_R	GTAGGGGTACTCAAAGCCAGCACCCGTTGGAACCTACGTAATAACTTAAGTTGCCGTTCA
BRB_F	GTAGGGGTACTCAAAGCCAGCACCCGTTGGAACCTACGTAATAACTTAAGTTGCCGTTCA
BRB_R	GTAGGGGTACTCAAAGCCAGCACCCGTTGGAACCTACGTAATAACTTAAGTTGCCGTTCA *****
PALLAS_F	CTGTGTCCTGAGGCGCGTCGACGTGGAATGAAATGCAGGCGAACAGCAGCGCGAAGAGCA
PALLAS_R	CTGTGTCCTGAGGCGCGTCGACGTGGAATGAAATGCAGGCGAACAGCAGCGCGAAGAGCA
BRB_F	CTGTGTCCTGAGGCGCGTCGACGTGGAATGAAATGCAGGCGAACAGCAGCGCGAAGAGCA
BRB_R	CTGTGTCCTGAGGCGCGTCGACGTGGAATGAAATGCAGGCGAACAGCAGCGCGAAGAGCA *****
PALLAS_F	GCAACGGCGGCGGGAACAGCGCGGCGGCCGCGGCGCCAAAGGCGAACGGCGGAGGCGAGA
PALLAS_R	GCAACGGCGGCGGGAACAGCGCGGCGGCCGCGGCGCCAAAGGCGAACGGCGGAGGCGAGA
BRB_F	GCAACGGCGGCGGGAACAGCGCGGCGGCCGCGGCGCCAAAGGCGAACGGCGGAGGCGAGA
BRB_R	GCAACGGCGGCGGGAACAGCGCGGCGGCCGCGGCGCCAAAGGCGAACGGCGGAGGCGAGA *****
PALLAS_F	GCGGGGGCGGTGGAGGGGGCGGCGGGCTGCGGGTGACGGAGCAGCAGGTGGCCAAGATGA
PALLAS_R	GCGGGGGCGGTGGAGGGGGCGGCGGGCTGCGGGTGACGGAGCAGCAGGTGGCCAAGATGA
BRB_F	GCGGGGGCGGTGGAGGGGGCGGCGGGCTGCGGGTGACGGAGCAGCAGGTGGCCAAGATGA
BRB_R	GCGGGGGCGGTGGAGGGGGCGGCGGGCTGCGGGTGACGGAGCAGCAGGTGGCCAAGATGA *****
PALLAS_F	TGGAGGAGGACATGGGCACGGCCATGCAGTACCTGCAGGGGAAGGGCCTCTGCCTCATGC
PALLAS_R	TGGAGGAGGACATGGGCACGGCCATGCAGTACCTGCAGGGGAAGGGCCTCTGCCTCATGC
BRB_F	TGGAGGAGGACATGGGCACGGCCATGCAGTACCTGCAGGGGAAGGGCCTCTGCCTCATGC
BRB_R	TGGAGGAGGACATGGGCACGGCCATGCAGTACCTGCAGGGGAAGGGCCTCTGCCTCATGC *****
PALLAS_F	CCATCTCCCTCGCCTCCGCCATCTCCTCCGCCACCACCACCACCTCCCCGGCCTCGCTCC
PALLAS_R	CCATCTCCCTCGCCTCCGCCATCTCCTCCGCCACCACCACCACCTCCCCGGCCTCGCTCC
BRB_F	CCATCTCCCTCGCCTCCGCCATCTCCTCCGCCACCACCACCACCTCCCCGGCCTCGCTCC
BRB_R	CCATCTCCCTCGCCTCCGCCATCTCCTCCGCCACCACCACCACCTCCCCGGCCTCGCTCC *****
PALLAS_F	TCGCGAGGCAGGCCGTCCGCCCCGCTCCACCGCCGCCGCGCTGGCCTCCGCGAACGGCG
PALLAS_R	TCGCGAGGCAGGCCGTCCGCCCCGCTCCACCGCCGCCGCGCTGGCCTCCGCGAACGGCG
BRB_F	TCGCGAGGCAGGCCGTCCGCCCCGCTCCACCGCCGCCGCGCTGGCCTCCGCGAACGGCG
BRB_R	TCGCGAGGCAGGCCGTCCGCCCCGCTCCACCGCCGCCGCGCTGGCCTCCGCGAACGGCG *****
PALLAS_F	GCGAAGACGCCGCTGCCAGGCCGTCAAGGTCGACGCCGGCGCCGCGTCCGGCGGGAAGC
PALLAS_R	GCGAAGACGCCGCTGCCAGGCCGTCAAGGTCGACGCCGGCGCCGCGTCCGGCGGGAAGC
BRB_F	GCGAAGACGCCGCTGCCAGGCCGTCAAGGTCGACGCCGGCGCCGCGTCCGGCGGGAAGC
BRB_R	GCGAAGACGCCGCTGCCAGGCCGTCAAGGTCGACGCCGGCGCCGCGTCCGGCGGGAAGC *****
PALLAS_F	CGTGAAGCTGACCGGCCGGAACAAGGGTGCATGCATTATCTATGCTAATACTATTAGGAG
PALLAS_R	CGTGAAGCTGACCGGCCGGAACAAGGGTGCATGCATTATCTATGCTAATACTATTAGGAG
BRB_F	CGTGAAGCTGACCGGCCGGAACAAGGGTGCATGCATTATCTATGCTAATACTATTAGGAG
BRB_R	CGTGAAGCTGACCGGCCGGAACAAGGGTGCATGCATTATCTATGCTAATACTATTAGGAG *****
PALLAS_F	AGCCATATGTATTTGCTCCTGTATACGCCTTCCCTTCCAGTTTTCTTCTCTGAAAATC
PALLAS_R	AGCCATATGTATTTGCTCCTGTATACGCCTTCCCTTCCAGTTTTCTTCTCTGAAAATC
BRB_F	AGCCATATGTATTTGCTCCTGTATACGCCTTCCCTTCCAGTTTTCTTCTCTGAAAATC
BRB_R	AGCCATATGTATTTGCTCCTGTATACGCCTTCCCTTCCAGTTTTCTTCTCTGAAAATC *****

PALLAS_F	AGACTCGCCATGCACACGTACGTGCATGCGCATGATCGAGCGAGCTCCCATGAGAAGGCT
PALLAS_R	AGACTCGCCATGCACACGTACGTGCATGCGCATGATCGAGCGAGCTCCCATGAGAAGGCT
BRB_F	AGACTCGCCATGCACACGTACGTGCATGCGCATGATCGAGCGAGCTCCCATGAGAAGGCT
BRB_R	AGACTCGCCATGCACACGTACGTGCATGCGCATGATCGAGCGAGCTCCCATGAGAAGGCT

PALLAS_F	TACCACGACTTCCTCCATGAATTTGCATGAAGATATTCTCGTGTGCATGCGCAGCCACCT
PALLAS_R	TACCACGACTTCCTCCATGAATTTGCATGAAGATATTCTCGTGTGCATGCGCAGCCACCT
BRB_F	TACCACGACTTCCTCCATGAATTTGCATGAAGATATTCTCGTGTGCATGCGCAGCCACCT
BRB_R	TACCACGACTTCCTCCATGAATTTGCATGAAGATATTCTCGTGTGCATGCGCAGCCACCT

PALLAS_F	TTCGTGCGCTTCGACGTTGACAAAACACGGTGGTACTAATCTCACAAGGTCAGCCGTTGA
PALLAS_R	TTCGTGCGCTTCGACGTTGACAAAACACGGTGGTACTAATCTCACAAGGTCAGCCGTTGA
BRB_F	TTCGTGCGCTTCGACGTTGACAAAACACGGTGGTACTAATCTCACAAGGTCAGCCGTTGA
BRB_R	TTCGTGCGCTTCGACGTTGACAAAACACGGTGGTACTAATCTCACAAGGTCAGCCGTTGA

PALLAS_F	CACTGCTGCCTCGGCATATTCTAATCGGATGCGAGCATTAAATGATCCTGATGCTGCTGG
PALLAS_R	CACTGCTGCCTCGGCATATTCTAATCGGATGCGAGCATTAAATGATCCTGATGCTGCTGG
BRB_F	CACTGCTGCCTCGGCATATTCTAATCGGATGCGAGCATTAAATGATCCTGATGCTGCTGG
BRB_R	CACTGCTGCCTCGGCATATTCTAATCGGATGCGAGCATTAAATGATCCTGATGCTGCTGG

PALLAS_F	TGATTAGTTGCGAGTAAGATGGTGCGGAGATGTGCAGGCTACTAACGCCGCACGACGTTT
PALLAS_R	TGATTAGTTGCGAGTAAGATGGTGCGGAGATGTGCAGGCTACTAACGCCGCACGACGTTT
BRB_F	TGATTAGTTGCGAGTAAGATGGTGCGGAGATGTGCAGGCTACTAACGCCGCACGACGTTT
BRB_R	TGATTAGTTGCGAGTAAGATGGTGCGGAGATGTGCAGGCTACTAACGCCGCACGACGTTT

PALLAS_F	GTCTATGGGCTGGCTGAGGTAACAAATGCGGCGGAATAATTAAGGGCGTGCAATTGTTTCG
PALLAS_R	GTCTATGGGCTGGCTGAGGTAACAAATGCGGCGGAATAATTAAGGGCGTGCAATTGTTTCG
BRB_F	GTCTATGGGCTGGCTGAGGTAACAAATGCGGCGGAATAATTAAGGGCGTGCAATTGTTTCG
BRB_R	GTCTATGGGCTGGCTGAGGTAACAAATGCGGCGGAATAATTAAGGGCGTGCAATTGTTTCG

PALLAS_F	CACGACACGGAGCGAGACGAGGATTAAGGGGGTGGATTGAGAATCAATCCGGCGCGAGGT
PALLAS_R	CACGACACGGAGCGAGACGAGGATTAAGGGGGTGGATTGAGAATCAATCCGGCGCGAGGT
BRB_F	CACGACACGGAGCGAGACGAGGATTAAGGGGGTGGATTGAGAATCAATCCGGCGCGAGGT
BRB_R	CACGACACGGAGCGAGACGAGGATTAAGGGGGTGGATTGAGAATCAATCCGGCGCGAGGT

PALLAS_F	GCCCCACGTTGGTGGTGAGGCGAACGAGTTTCTGCCAGCTGCGGTAGAGGATTTTGGATC
PALLAS_R	GCCCCACGTTGGTGGTGAGGCGAACGAGTTTCTGCCAGCTGCGGTAGAGGATTTTGGATC
BRB_F	GCCCCACGTTGGTGGTGAGGCGAACGAGTTTCTGCCAGCTGCGGTAGAGGATTTTGGATC
BRB_R	GCCCCACGTTGGTGGTGAGGCGAACGAGTTTCTGCCAGCTGCGGTAGAGGATTTTGGATC

PALLAS_F	CAGTATACCACCACCATCACCACCACCGTCAGCACCACCACCACCACAACAACAATA
PALLAS_R	CAGTATACCACCACCATCACCACCACCGTCAGCACCACCACCACCACAACAACAATA
BRB_F	CAGTATACCACCACCATCACCACCACCGTCAGCACCACCACCACCACAACAACAATA
BRB_R	CAGTATACCACCACCATCACCACCACCGTCAGCACCACCACCACCACAACAACAATA

PALLAS_F	AAAGACCCATCCCAGGTTGTCAGTGTGACGGGAGGACGACCTAGGTCTTCATTGCGAAAG
PALLAS_R	AAAGACCCATCCCAGGTTGTCAGTGTGACGGGAGGACGACCTAGGTCTTCATTGCGAAAG
BRB_F	AAAGACCCATCCCAGGTTGTCAGTGTGACGGGAGGACGACCTAGGTCTTCATTGCGAAAG
BRB_R	AAAGACCCATCCCAGGTTGTCAGTGTGACGGGAGGACGACCTAGGTCTTCATTGCGAAAG

PALLAS_F	CCTCCCTTTTCTTTCTGCTTCGCCGACGCCTGATGAGGAAGCTCAATCGGCGTCGGCAAC
PALLAS_R	CCTCCCTTTTCTTTCTGCTTCGCCGACGCCTGATGAGGAAGCTCAATCGGCGTCGGCAAC
BRB_F	CCTCCCTTTTCTTTCTGCTTCGCCGACGCCTGATGAGGAAGCTCAATCGGCGTCGGCAAC
BRB_R	CCTCCCTTTTCTTTCTGCTTCGCCGACGCCTGATGAGGAAGCTCAATCGGCGTCGGCAAC

PALLAS_F	GGCAGGGTCATTAAAATCTCTCGTGCAGCAGGAGCGGCAGTGCGACGTCATGTGGTTGCA
PALLAS_R	GGCAGGGTCATTAAAATCTCTCGTGCAGCAGGAGCGGCAGTGCGACGTCATGTGGTTGCA
BRB_F	GGCAGGGTCATTAAAATCTCTCGTGCAGCAGGAGCGGCAGTGCGACGTCATGTGGTTGCA
BRB_R	GGCAGGGTCATTAAAATCTCTCGTGCAGCAGGAGCGGCAGTGCGACGTCATGTGGTTGCA

BRB_R	GGCAGGGTCATTAAAAATCTCTCGTGACGAGCAGCGCGCATGCGACGTCAATGTGGTTGCA *****
PALLAS_F PALLAS_R BRB_F BRB_R	ACGACGACGCCCGTTGTCTACCTCCTCACGACGGCGATTGTACCTGGCCTACGTTCCGT ACGACGACGCCCGTTGTCTACCTCCTCACGACGGCGATTGTACCTGGCCTACGTTCCGT ACGACGACGCCCGTTGTCTACCTCCTCACGACGGCGATTGTACCTGGCCTACGTTCCGT ACGACGACGCCCGTTGTCTACCTCCTCACGACGGCGATTGTACCTGGCCTACGTTCCGT *****
PALLAS_F PALLAS_R BRB_F BRB_R	CAGTTTTGGGGCCGATGCGGGTTGTGGTGGTGGGGCGGGCTGGTGGTGGGGCGACC GTGG CAGTTTTGGGGCCGATGCGGGTTGTGGTGGTGGGGCGGGCTGGTGGTGGGGCGACC GTGG CAGTTTTGGGGCCGATGCGGGTTGTGGTGGTGGGGCGGGCTGGTGGTGGGGCGACC GTGG CAGTTTTGGGGCCGATGCGGGTTGTGGTGGTGGGGCGGGCTGGTGGTGGGGCGACC GTGG *****
PALLAS_F PALLAS_R BRB_F BRB_R	TCCAGCTGGCGGCATGATAATCCCTAAGTATAAGGAGAAGCACTCTCCTAGAAGGATATG TCCAGCTGGCGGCATGATAATCCCTAAGTATAAGGAGAAGCACTCTCCTAGAAGGATATG TCCAGCTGGCGGCATGATAATCCCTAAGTATAAGGAGAAGCACTCTCCTAGAAGGATATG TCCAGCTGGCGGCATGATAATCCCTAAGTATAAGGAGAAGCACTCTCCTAGAAGGATATG *****
PALLAS_F PALLAS_R BRB_F BRB_R	AAGGTATATGAAGTGTCAAACCAAAGGGAGCTAAAGATATTTTCTTATTCTTT CAGGTT AAGGTATATGAAGTGTCAAACCAAAGGGAGCTAAAGATATTTTCTTATTCTTT CAGGTT AAGGTATATGAAGTGTCAAACCAAAGGGAGCTAAAGATATTTTCTTATTCTTT CAGGTT AAGGTATATGAAGTGTCAAACCAAAGGGAGCTAAAGATATTTTCTTATTCTTT CAGGTT *****
PALLAS_F PALLAS_R BRB_F BRB_R	TCATATGCTACTTACGCAACTCTATATGTACTTAACATCTATCATACCTAAGCTCTCTAC TCATATGCTACTTACGCAACTCTATATGTACTTAACATCTATCATACCTAAGCTCTCTAC TCATATGCTACTTACGCAACTCTATATGTACTTAACATCTATCATACCTAAGCTCTCTAC TCATATGCTACTTACGCAACTCTATATGTACTTAACATCTATCATACCTAAGCTCTCTAC *****
PALLAS_F PALLAS_R BRB_F BRB_R	AACTAGGATATTATCTGGGAGTAGAACTAAGGTACTCGCTAAAAAGGTTAGTGGATACA AACTAGGATATTATCTGGGAGTAGAACTAAGGTACTCGCTAAAAAGGTTAGTGGATACA AACTAGGATATTATCTGGGAGTAGAACTAAGGTACTCGCTAAAAAGGTTAGTGGATACA AACTAGGATATTATCTGGGAGTAGAACTAAGGTACTCGCTAAAAAGGTTAGTGGATACA *****
PALLAS_F PALLAS_R BRB_F BRB_R	AAATAAAAAAAAAAATGCTAGTGGCTACAAC TAAAAGATTTACAATGATCCTTCATACAG AAATAAAAAAAAAAATGCTAGTGGCTACAAC TAAAAGATTTACAATGATCCTTCATACAG AAATAAAAAAAAAAATGCTAGTGGCTACAAC TAAAAGATTTACAATGATCCTTCATACAG AAATAAAAAAAAAAATGCTAGTGGCTACAAC TAAAAGATTTACAATGATCCTTCATACAG *****
PALLAS_F PALLAS_R BRB_F BRB_R	TCTGAAATTTATCTTATAAATTAAGTGATTTACTCTTCTCTCTCTCTCTCCCCACTCGCT TCTGAAATTTATCTTATAAATTAAGTGATTTACTCTTCTCTCTCTCTCTCTCCCCACTCGCT TCTGAAATTTATCTTATAAATTAAGTGATTTACTCTTCTCTCTCTCTCTCTCCCCACTCGCT TCTGAAATTTATCTTATAAATTAAGTGATTTACTCTTCTCTCTCTCTCTCTCCCCACTCGCT *****
PALLAS_F PALLAS_R BRB_F BRB_R	CGCTCACTCACTCACTCACTCCCCCCTCTCCCTCTCCTTCCCTCTCTCCCTCTCTATCT CGCTCACTCACTCACTCACTCCCCCCTCTCCCTCTCCTTCCCTCTCTCCCTCTCTATCT CGCTCACTCACTCACTCACTCCCCCCTCTCCCTCTCCTTCCCTCTCTCCCTCTCTATCT CGCTCACTCACTCACTCACTCCCCCCTCTCCCTCTCCTTCCCTCTCTCCCTCTCTATCT *****
PALLAS_F PALLAS_R BRB_F BRB_R	CTTCCCTCCCTCCCTCCCTTTCTCTATCTCTCTCAAATTGTTCAATTGAAGTCAATTGTAT CTTCCCTCCCTCCCTCCCTTTCTCTATCTCTCTCAAATTGTTCAATTGAAGTCAATTGTAT CTTCCCTCCCTCCCTCCCTTTCTCTATCTCTCTCAAATTGTTCAATTGAAGTCAATTGTAT CTTCCCTCCCTCCCTCCCTTTCTCTATCTCTCTCAAATTGTTCAATTGAAGTCAATTGTAT *****
PALLAS_F PALLAS_R BRB_F BRB_R	CTTTTGTGGTTTTATTTGTTGTATAAGGTTTGAGGTTTAGGGTTTAAATAGATTTGCATG CTTTTGTGGTTTTATTTGTTGTATAAGGTTTGAGGTTTAGGGTTTAAATAGATTTGCATG CTTTTGTGGTTTTATTTGTTGTATAAGGTTTGAGGTTTAGGGTTTAAATAGATTTGCATG CTTTTGTGGTTTTATTTGTTGTATAAGGTTTGAGGTTTAGGGTTTAAATAGATTTGCATG *****

PALLAS_F	ATCTCCAATCTATATATGTCTTCTTTGGCCAAGTTTGATGGCTTTTTCTTCGGGGGGGACT
PALLAS_R	ATCTCCAATCTATATATGTCTTCTTTGGCCAAGTTTGATGGCTTTTTCTTCGGGGGGGACT
BRB_F	ATCTCCAATCTATATATGTCTTCTTTGGCCAAGTTTGATGGCTTTTTCTTCGGGGGGGACT
BRB_R	ATCTCCAATCTATATATGTCTTCTTTGGCCAAGTTTGATGGCTTTTTCTTCGGGGGGGACT

PALLAS_F	AGTGCTTTGCAGTTGGTTCGGTCTTGTGGTGATCCTAGTGACAA
PALLAS_R	AGTGCTTTGCAGTTGGTTCGGTCTTGTGGTGATCCTAGTGACAA
BRB_F	AGTGCTTTGCAGTTGGTTCGGTCTTGTGGTGATCCTAGTGACAA
BRB_R	AGTGCTTTGCAGTTGGTTCGGTCTTGTGGTGATCCTAGTGACAA

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Pallas_F GCGAGGGAGTTGCATGATCTCATGGTCTTAGGAACAAATACTTGACATAAAGAAAGCAAT
Pallas_R GCGAGGGAGTTGCATGATCTCATGGTCTTAGGAACAAATACTTGACATAAAGAAAGCAAT
Brb_F GCGAGGGAGTTGCATGATCTCATGGTCTTAGGAACAAATACTTGACATAAAGAAAGCAAT
Brb_R GCGAGGGAGTTGCATGATCTCATGGTCTTAGGAACAAATACTTGACATAAAGAAAGCAAT

Pallas_F AGCAATAAACTTAATGATACGTTTCAGATGGTATGCTTACGGTTGGATCTTGCCATCACA
Pallas_R AGCAATAAACTTAATGATACGTTTCAGATGGTATGCTTACGGTTGGATCTTGCCATCACA
Brb_F AGCAATAAACTTAATGATACGTTTCAGATGGTATGCTTACGGTTGGATCTTGCCATCACA
Brb_R AGCAATAAACTTAATGATACGTTTCAGATGGTATGCTTACGGTTGGATCTTGCCATCACA

Pallas_F TCATTCTCCTAATGATGTGGTCTCGTTATCAAATGACAACTCATGTCTATGACTAGAAAA
Pallas_R TCATTCTCCTAATGATGTGGTCTCGTTATCAAATGACAACTCATGTCTATGACTAGAAAA
Brb_F TCATTCTCCTAATGATGTGGTCTCGTTATCAAATGACAACTCATGTCTATGACTAGAAAA
Brb_R TCATTCTCCTAATGATGTGGTCTCGTTATCAAATGACAACTCATGTCTATGACTAGAAAA

Pallas_F CCTTAACCATCTTTGATCAATGAGCTAGTCTAGTAAAGACTTAATAGGGACTTTGTGTTA
Pallas_R CCTTAACCATCTTTGATCAATGAGCTAGTCTAGTAAAGACTTAATAGGGACTTTGTGTTA
Brb_F CCTTAACCATCTTTGATCAATGAGCTAGTCTAGTAAAGACTTAATAGGGACTTTGTGTTA
Brb_R CCTTAACCATCTTTGATCAATGAGCTAGTCTAGTAAAGACTTAATAGGGACTTTGTGTTA

Pallas_F CGGAAATGCAATTGCGCTCACATTACGAGATGATGTTTTATTGTCATGGAAAATTTCAAA
Pallas_R CGGAAATGCAATTGCGCTCACATTACGAGATGATGTTTTATTGTCATGGAAAATTTCAAA
Brb_F CGGAAATGCAATTGCGCTCACATTACGAGATGATGTTTTATTGTCATGGAAAATTTCAAA
Brb_R CGGAAATGCAATTGCGCTCACATTACGAGATGATGTTTTATTGTCATGGAAAATTTCAAA

Pallas_F TTGAGACACATTACATGATGTGAGCTATGAAAAGAACAAAATCAGATTTGAATAGTTTTTC
Pallas_R TTGAGACACATTACATGATGTGAGCTATGAAAAGAACAAAATCAGATTTGAATAGTTTTTC
Brb_F TTGAGACACATTACATGATGTGAGCTATGAAAAGAACAAAATCAGATTTGAATAGTTTTTC
Brb_R TTGAGACACATTACATGATGTGAGCTATGAAAAGAACAAAATCAGATTTGAATAGTTTTTC

Pallas_F AAATACTAATGTCACTATCCAGGGTTGAAATTTGTCTTTTTCGTACTTCACATCATGTAA
Pallas_R AAATACTAATGTCACTATCCAGGGTTGAAATTTGTCTTTTTCGTACTTCACATCATGTAA
Brb_F AAATACTAATGTCACTATCCAGGGTTGAAATTTGTCTTTTTCGTACTTCACATCATGTAA
Brb_R AAATACTAATGTCACTATCCAGGGTTGAAATTTGTCTTTTTCGTACTTCACATCATGTAA

Pallas_F TGCGTTTTAACTTGAAATTTTATGTGGCAATATGATATCATCATCTCAACATTCTATTTT
Pallas_R TGCGTTTTAACTTGAAATTTTATGTGGCAATATGATATCATCATCTCAACATTCTATTTT
Brb_F TGCGTTTTAACTTGAAATTTTATGTGGCAATATGATATCATCATCTCAACATTCTATTTT
Brb_R TGCGTTTTAACTTGAAATTTTATGTGGCAATATGATATCATCATCTCAACATTCTATTTT

Pallas_F TTTCAGATTCTTGTA AAACTTTAAATATAAGTTTTATGATGTTTTTCATTGAATGTTGGT
Pallas_R TTTCAGATTCTTGTA AAACTTTAAATATAAGTTTTATGATGTTTTTCATTGAATGTTGGT
Brb_F TTTCAGATTCTTGTA AAACTTTAAATATAAGTTTTATGATGTTTTTCATTGAATGTTGGT
Brb_R TTTCAGATTCTTGTA AAACTTTAAATATAAGTTTTATGATGTTTTTCATTGAATGTTGGT

Pallas_F TTTCGATGATACAAGTGCACCCGTA CTGTTGTTGCAAAGTATTCCAGCGTAGTGAGC
Pallas_R TTTCGATGATACAAGTGCACCCGTA CTGTTGTTGCAAAGTATTCCAGCGTAGTGAGC
Brb_F TTTCGATGATACAAGTGCACCCGTA CTGTTGTTGCAAAGTATTCCAGCGTAGTGAGC
Brb_R TTTCGATGATACAAGTGCACCCGTA CTGTTGTTGCAAAGTATTCCAGCGTAGTGAGC

Pallas_F GGCCCAGATCAGCCC GAAGCCAGTCGCAAAGCTCCAGGCGAAACCTAGTCACTCGACTAC
Pallas_R GGCCCAGATCAGCCC GAAGCCAGTCGCAAAGCTCCAGGCGAAACCTAGTCACTCGACTAC
Brb_F GGCCCAGATCAGCCC GAAGCCAGTCGCAAAGCTCCAGGCGAAACCTAGTCACTCGACTAC
Brb_R GGCCCAGATCAGCCC GAAGCCAGTCGCAAAGCTCCAGGCGAAACCTAGTCACTCGACTAC

Pallas_F	TCCCAACCGGCCGCCGCGCTCTCCCGTCCACGTTCCGACCGCCGGAGCTCGCCTCCTCCT
Pallas_R	TCCCAACCGGCCGCCGCGCTCTCCCGTCCACGTTCCGACCGCCGGAGCTCGCCTCCTCCT
Brb_F	TCCCAACCGGCCGCCGCGCTCTCCCGTCCACGTTCCGACCGCCGGAGCTCGCCTCCTCCT
Brb_R	TCCCAACCGGCCGCCGCGCTCTCCCGTCCACGTTCCGACCGCCGGAGCTCGCCTCCTCCT

Pallas_F	CCACCCGCTACCTCTCGAGGCCACTCCGGACGGCCATGGCCCAGAGGGCCGCGGGCGGCC
Pallas_R	CCACCCGCTACCTCTCGAGGCCACTCCGGACGGCCATGGCCCAGAGGGCCGCGGGCGGCC
Brb_F	CCACCCGCTACCTCTCGAGGCCACTCCGGACGGCCATGGCCCAGAGGGCCGCGGGCGGCC
Brb_R	CCACCCGCTACCTCTCGAGGCCACTCCGGACGGCCATGGCCCAGAGGGCCGCGGGCGGCC

Pallas_F	TTCTCCGACGGTCCCTCGGGCTCGCGCCGCCGACAACCCCGAGGGCCCTGAGCACCAGCG
Pallas_R	TTCTCCGACGGTCCCTCGGGCTCGCGCCGCCGACAACCCCGAGGGCCCTGAGCACCAGCG
Brb_F	TTCTCCGACGGTCCCTCGGGCTCGCGCCGCCGACAACCCCGAGGGCCCTGAGCACCAGCG
Brb_R	TTCTCCGACGGTCCCTCGGGCTCGCGCCGCCGACAACCCCGAGGGCCCTGAGCACCAGCG

Pallas_F	CCACCACGCCGGCGGAGGGAGAGGCGGCGGCCAAGGCGAGGAGGAGAAAGAAGAAGAAC
Pallas_R	CCACCACGCCGGCGGAGGGAGAGGCGGCGGCCAAGGCGAGGAGGAGAAAGAAGAAGAAC
Brb_F	CCACCACGCCGGCGGAGGGAGAGGCGGCGGCCAAGGCGAGGAGGAGAAAGAAGAAGAAC
Brb_R	CCACCACGCCGGCGGAGGGAGAGGCGGCGGCCAAGGCGAGGAGGAGAAAGAAGAAGAAC

Pallas_F	TGTTTCGACGTGGCGCAGTTCCTGCCGACTGGGGCGTCGCCACAGGGTCGCCAAGACCA
Pallas_R	TGTTTCGACGTGGCGCAGTTCCTGCCGACTGGGGCGTCGCCACAGGGTCGCCAAGACCA
Brb_F	TGTTTCGACGTGGCGCAGTTCCTGCCGACTGGGGCGTCGCCACAGGGTCGCCAAGACCA
Brb_R	TGTTTCGACGTGGCGCAGTTCCTGCCGACTGGGGCGTCGCCACAGGGTCGCCAAGACCA

Pallas_F	CCTGGCGCGACGTCTCCTACCAGATCACCAAGATCAACCTCTATAAGGTCGCCATCGCCA
Pallas_R	CCTGGCGCGACGTCTCCTACCAGATCACCAAGATCAACCTCTATAAGGTCGCCATCGCCA
Brb_F	CCTGGCGCGACGTCTCCTACCAGATCACCAAGATCAACCTCTATAAGGTCGCCATCGCCA
Brb_R	CCTGGCGCGACGTCTCCTACCAGATCACCAAGATCAACCTCTATAAGGTCGCCATCGCCA

Pallas_F	CCATCCATAACAATCTCTGCGGAGGAGAAAAATTGATCTCTTGTGTTCAATTCCATGACTT
Pallas_R	CCATCCATAACAATCTCTGCGGAGGAGAAAAATTGATCTCTTGTGTTCAATTCCATGACTT
Brb_F	CCATCCATAACAATCTCTGCGGAGGAGAAAAATTGATCTCTTGTGTTCAATTCCATGACTT
Brb_R	CCATCCATAACAATCTCTGCGGAGGAGAAAAATTGATCTCTTGTGTTCAATTCCATGACTT

Pallas_F	CACTGCGGTTTCCTGATCTCTGTATGTACTGATGCAGGATGGCCGCCACGGGAAGGCGTG
Pallas_R	CACTGCGGTTTCCTGATCTCTGTATGTACTGATGCAGGATGGCCGCCACGGGAAGGCGTG
Brb_F	CACTGCGGTTTCCTGATCTCTGTATGTACTGATGCAGGATGGCCGCCACGGGAAGGCGTG
Brb_R	CACTGCGGTTTCCTGATCTCTGTATGTACTGATGCAGGATGGCCGCCACGGGAAGGCGTG

Pallas_F	GGAATTTCGGCACAAGGCCGGTGAGTCCTCCTGAATTACCGTTAATTTTGGTGGATTGGT
Pallas_R	GGAATTTCGGCACAAGGCCGGTGAGTCCTCCTGAATTACCGTTAATTTTGGTGGATTGGT
Brb_F	GGAATTTCGGCACAAGGCCGGTGAGTCCTCCTGAATTACCGTTAATTTTGGTGGATTGGT
Brb_R	GGAATTTCGGCACAAGGCCGGTGAGTCCTCCTGAATTACCGTTAATTTTGGTGGATTGGT

Pallas_F	GGAGCGTAAAAATAATGACAGGGTGTGTGTGCGAATGGTAGAACATGAATGCCCCCTGGAT
Pallas_R	GGAGCGTAAAAATAATGACAGGGTGTGTGTGCGAATGGTAGAACATGAATGCCCCCTGGAT
Brb_F	GGAGCGTAAAAATAATGACAGGGTGTGTGTGCGAATGGTAGAACATGAATGCCCCCTGGAT
Brb_R	GGAGCGTAAAAATAATGACAGGGTGTGTGTGCGAATGGTAGAACATGAATGCCCCCTGGAT

Pallas_F	GGAGGACTACTTCTGCTTGACATCATCCTATGCAGTTGGGTGCACCAGGCGATGTTTCCG
Pallas_R	GGAGGACTACTTCTGCTTGACATCATCCTATGCAGTTGGGTGCACCAGGCGATGTTTCCG
Brb_F	GGAGGACTACTTCTGCTTGACATCATCCTATGCAGTTGGGTGCACCAGGCGATGTTTCCG
Brb_R	GGAGGACTACTTCTGCTTGACATCATCCTATGCAGTTGGGTGCACCAGGCGATGTTTCCG

Pallas_F	TTTTGGTTGCAGATTGTTGCTCTAGGATTAATTTGGTTGTCTAGAAATCTGTCTCATCTC
Pallas_R	TTTTGGTTGCAGATTGTTGCTCTAGGATTAATTTGGTTGTCTAGAAATCTGTCTCATCTC
Brb_F	TTTTGGTTGCAGATTGTTGCTCTAGGATTAATTTGGTTGTCTAGAAATCTGTCTCATCTC
Brb_R	TTTTGGTTGCAGATTGTTGCTCTAGGATTAATTTGGTTGTCTAGAAATCTGTCTCATCTC

Brb_R	TTTTGGTTGCAGATTGTTGCTCTAGGATTAATTTGGTTGCTCTAGAATCTGTCTCATCTC *****
Pallas_F	GATAACATTGGGGTTTAGGGTAAGGTGTAACAGCTCAAATACTTCATGTGGATATGCGGT
Pallas_R	GATAACATTGGGGTTTAGGGTAAGGTGTAACAGCTCAAATACTTCATGTGGATATGCGGT
Brb_F	GATAACATTGGGGTTTAGGGTAAGGTGTAACAGCTCAAATACTTCATGTGGATATGCGGT
Brb_R	GATAACATTGGGGTTTAGGGTAAGGTGTAACAGCTCAAATACTTCATGTGGATATGCGGT *****
Pallas_F	GTAACCAAAAAATTTCTAGGACATTGCGCTGTCTTTATCCCAGAAAGAAAAGATAAAAAGA
Pallas_R	GTAACCAAAAAATTTCTAGGACATTGCGCTGTCTTTATCCCAGAAAGAAAAGATAAAAAGA
Brb_F	GTAACCAAAAAATTTCTAGGACATTGCGCTGTCTTTATCCCAGAAAGAAAAGATAAAAAGA
Brb_R	GTAACCAAAAAATTTCTAGGACATTGCGCTGTCTTTATCCCAGAAAGAAAAGATAAAAAGA *****
Pallas_F	AGCACATCACACGTAACAGTTATTTACCAGGTTGTGAAGGATGTATCCATTGCATCACTA
Pallas_R	AGCACATCACACGTAACAGTTATTTACCAGGTTGTGAAGGATGTATCCATTGCATCACTA
Brb_F	AGCACATCACACGTAACAGTTATTTACCAGGTTGTGAAGGATGTATCCATTGCATCACTA
Brb_R	AGCACATCACACGTAACAGTTATTTACCAGGTTGTGAAGGATGTATCCATTGCATCACTA *****
Pallas_F	GGCCACACTAGAATCATTCAAGTTGTTTGCTTCCCAATTACCCCAAGTTATTTTTATTTTA
Pallas_R	GGCCACACTAGAATCATTCAAGTTGTTTGCTTCCCAATTACCCCAAGTTATTTTTATTTTA
Brb_F	GGCCACACTAGAATCATTCAAGTTGTTTGCTTCCCAATTACCCCAAGTTATTTTTATTTTA
Brb_R	GGCCACACTAGAATCATTCAAGTTGTTTGCTTCCCAATTACCCCAAGTTATTTTTATTTTA *****
Pallas_F	TTTTATTTTTATGTCTGGACCAAGATAGATCATATTTTCCTTGCAAGGTAGATCATGTTT
Pallas_R	TTTTATTTTTATGTCTGGACCAAGATAGATCATATTTTCCTTGCAAGGTAGATCATGTTT
Brb_F	TTTTATTTTTATGTCTGGACCAAGATAGATCATATTTTCCTTGCAAGGTAGATCATGTTT
Brb_R	TTTTATTTTTATGTCTGGACCAAGATAGATCATATTTTCCTTGCAAGGTAGATCATGTTT *****
Pallas_F	TCCCTGCCGTTTGCAAAAGTCATGGCATGGTTACTGTTGTTGGTCTTCAACAAAACCGTT
Pallas_R	TCCCTGCCGTTTGCAAAAGTCATGGCATGGTTACTGTTGTTGGTCTTCAACAAAACCGTT
Brb_F	TCCCTGCCGTTTGCAAAAGTCATGGCATGGTTACTGTTGTTGGTCTTCAACAAAACCGTT
Brb_R	TCCCTGCCGTTTGCAAAAGTCATGGCATGGTTACTGTTGTTGGTCTTCAACAAAACCGTT *****
Pallas_F	AGGACGCTTAATGTAGAAGAAACTTGGCACAACCAAGAATTACTGTGTCAGAAGGCAATA
Pallas_R	AGGACGCTTAATGTAGAAGAAACTTGGCACAACCAAGAATTACTGTGTCAGAAGGCAATA
Brb_F	AGGACGCTTAATGTAGAAGAAACTTGGCACAACCAAGAATTACTGTGTCAGAAGGCAATA
Brb_R	AGGACGCTTAATGTAGAAGAAACTTGGCACAACCAAGAATTACTGTGTCAGAAGGCAATA *****
Pallas_F	CTCTGTTCTCAAATACTCTACCTGAAGTAGAACATGAAATACCTGAAGTAGGTGACGGGC
Pallas_R	CTCTGTTCTCAAATACTCTACCTGAAGTAGAACATGAAATACCTGAAGTAGGTGACGGGC
Brb_F	CTCTGTTCTCAAATACTCTACCTGAAGTAGAACATGAAATACCTGAAGTAGGTGACGGGC
Brb_R	CTCTGTTCTCAAATACTCTACCTGAAGTAGAACATGAAATACCTGAAGTAGGTGACGGGC *****
Pallas_F	TTCAGGATTATGCTCGCCGATTCTCATTTTGGTTGATCTAACTTTATGTTTCTCTTGCA
Pallas_R	TTCAGGATTATGCTCGCCGATTCTCATTTTGGTTGATCTAACTTTATGTTTCTCTTGCA
Brb_F	TTCAGGATTATGCTCGCCGATTCTCATTTTGGTTGATCTAACTTTATGTTTCTCTTGCA
Brb_R	TTCAGGATTATGCTCGCCGATTCTCATTTTGGTTGATCTAACTTTATGTTTCTCTTGCA *****
Pallas_F	GGCGTGCCAGCAGCAGATGCTCCGATAAGAATCAGCGGGGTAAACAAACGTGGTTGGAAG
Pallas_R	GGCGTGCCAGCAGCAGATGCTCCGATAAGAATCAGCGGGGTAAACAAACGTGGTTGGAAG
Brb_F	GGCGTGCCAGCAGCAGATGCTCCGATAAGAATCAGCGGGGTAAACAAACGTGGTTGGAAG
Brb_R	GGCGTGCCAGCAGCAGATGCTCCGATAAGAATCAGCGGGGTAAACAAACGTGGTTGGAAG *****
Pallas_F	TACATAAAGGCGTCTTTGCAAGATATCCCTGGAGCAGAGCCGCCAGCCGTCTCCGCTGCT
Pallas_R	TACATAAAGGCGTCTTTGCAAGATATCCCTGGAGCAGAGCCGCCAGCCGTCTCCGCTGCT
Brb_F	TACATAAAGGCGTCTTTGCAAGATATCCCTGGAGCAGAGCCGCCAGCCGTCTCCGCTGCT
Brb_R	TACATAAAGGCGTCTTTGCAAGATATCCCTGGAGCAGAGCCGCCAGCCGTCTCCGCTGCT *****

Pallas_F	TAACCAGTTACTGGCTAGATATTTTCGTAGGTGATAAACTGGTCCCAATAGAAGCGTAGT
Pallas_R	TAACCAGTTACTGGCTAGATATTTTCGTAGGTGATAAACTGGTCCCAATAGAAGCGTAGT
Brb_F	TAACCAGTTACTGGCTAGATATTTTCGTAGGTGATAAACTGGTCCCAATAGAAGCGTAGT
Brb_R	TAACCAGTTACTGGCTAGATATTTTCGTAGGTGATAAACTGGTCCCAATAGAAGCGTAGT

Pallas_F	GCTGAACTATTACAAGACTGGTTTGATCTGCCAGCTCCACGCGTTTCATAAGTCTCATG
Pallas_R	GCTGAACTATTACAAGACTGGTTTGATCTGCCAGCTCCACGCGTTTCATAAGTCTCATG
Brb_F	GCTGAACTATTACAAGACTGGTTTGATCTGCCAGCTCCACGCGTTTCATAAGTCTCATG
Brb_R	GCTGAACTATTACAAGACTGGTTTGATCTGCCAGCTCCACGCGTTTCATAAGTCTCATG

Pallas_F	TCTCCACAAGGGGTTTAAACATGCTTGAACGTGTTTCGGCGTGAGCTTGTTCATGGCCTCC
Pallas_R	TCTCCACAAGGGGTTTAAACATGCTTGAACGTGTTTCGGCGTGAGCTTGTTCATGGCCTCC
Brb_F	TCTCCACAAGGGGTTTAAACATGCTTGAACGTGTTTCGGCGTGAGCTTGTTCATGGCCTCC
Brb_R	TCTCCACAAGGGGTTTAAACATGCTTGAACGTGTTTCGGCGTGAGCTTGTTCATGGCCTCC

Pallas_F	ACGCTTGTTGTTGAAGCTAAAGATGATGTAGTGTTAATTTTGTTTTGTTTTAGATTTTAT
Pallas_R	ACGCTTGTTGTTGAAGCTAAAGATGATGTAGTGTTAATTTTGTTTTGTTTTAGATTTTAT
Brb_F	ACGCTTGTTGTTGAAGCTAAAGATGATGTAGTGTTAATTTTGTTTTGTTTTAGATTTTAT
Brb_R	ACGCTTGTTGTTGAAGCTAAAGATGATGTAGTGTTAATTTTGTTTTGTTTTAGATTTTAT

Pallas_F	TTTTTGCAATGCCTCATTTCCATCAGAAGCAAGTGCTTACCAACAATGACGAATCTCCA
Pallas_R	TTTTTGCAATGCCTCATTTCCATCAGAAGCAAGTGCTTACCAACAATGACGAATCTCCA
Brb_F	TTTTTGCAATGCCTCATTTCCATCAGAAGCAAGTGCTTACCAACAATGACGAATCTCCA
Brb_R	TTTTTGCAATGCCTCATTTCCATCAGAAGCAAGTGCTTACCAACAATGACGAATCTCCA

Pallas_F	TCGACGTCGAGGACATGGCATTCTCGCAATGCCGCAGCTTGGCTCGGAGGCGATCGAGTG
Pallas_R	TCGACGTCGAGGACATGGCATTCTCGCAATGCCGCAGCTTGGCTCGGAGGCGATCGAGTG
Brb_F	TCGACGTCGAGGACATGGCATTCTCGCAATGCCGCAGCTTGGCTCGGAGGCGATCGAGTG
Brb_R	TCGACGTCGAGGACATGGCATTCTCGCAATGCCGCAGCTTGGCTCGGAGGCGATCGAGTG

Pallas_F	TCAAGTATGACAATTAGGTTAGACTCTAGCAAAGCAAGTTATGGTTTCCATTGTCTTTTT
Pallas_R	TCAAGTATGACAATTAGGTTAGACTCTAGCAAAGCAAGTTATGGTTTCCATTGTCTTTTT
Brb_F	TCAAGTATGACAATTAGGTTAGACTCTAGCAAAGCAAGTTATGGTTTCCATTGTCTTTTT
Brb_R	TCAAGTATGACAATTAGGTTAGACTCTAGCAAAGCAAGTTATGGTTTCCATTGTCTTTTT

Pallas_F	TCTTTTATCACTGACAGTTCATGTGAGTTCTGGCAAGGAATTCATCGCTCTGGAAAACGT
Pallas_R	TCTTTTATCACTGACAGTTCATGTGAGTTCTGGCAAGGAATTCATCGCTCTGGAAAACGT
Brb_F	TCTTTTATCACTGACAGTTCATGTGAGTTCTGGCAAGGAATTCATCGCTCTGGAAAACGT
Brb_R	TCTTTTATCACTGACAGTTCATGTGAGTTCTGGCAAGGAATTCATCGCTCTGGAAAACGT

Pallas_F	TGTTATAACTCTGAGAATTCAGTCAAGGCCTGAACCTGTGAACCATCTATAACTCTGAAC
Pallas_R	TGTTATAACTCTGAGAATTCAGTCAAGGCCTGAACCTGTGAACCATCTATAACTCTGAAC
Brb_F	TGTTATAACTCTGAGAATTCAGTCAAGGCCTGAACCTGTGAACCATCTATAACTCTGAAC
Brb_R	TGTTATAACTCTGAGAATTCAGTCAAGGCCTGAACCTGTGAACCATCTATAACTCTGAAC

Pallas_F	CTCGCTTGGTATAAAACAACGTCGATGACCAGCGAATGGTGAACGCCAGCACAAATCACAA
Pallas_R	CTCGCTTGGTATAAAACAACGTCGATGACCAGCGAATGGTGAACGCCAGCACAAATCACAA
Brb_F	CTCGCTTGGTATAAAACAACGTCGATGACCAGCGAATGGTGAACGCCAGCACAAATCACAA
Brb_R	CTCGCTTGGTATAAAACAACGTCGATGACCAGCGAATGGTGAACGCCAGCACAAATCACAA

Pallas_F	TGCGGCATAGATTAACCGATCAAGAGAAGACGCTGGTCCTGTCCGTTTTCCATTGCGAGG
Pallas_R	TGCGGCATAGATTAACCGATCAAGAGAAGACGCTGGTCCTGTCCGTTTTCCATTGCGAGG
Brb_F	TGCGGCATAGATTAACCGATCAAGAGAAGACGCTGGTCCTGTCCGTTTTCCATTGCGAGG
Brb_R	TGCGGCATAGATTAACCGATCAAGAGAAGACGCTGGTCCTGTCCGTTTTCCATTGCGAGG

Pallas_F	GGTTACTTATACATTCTGAAGCCCATTTCGAGCACGTGAAATCTGCCTGTGTTTCGGACA
Pallas_R	GGTTACTTATACATTCTGAAGCCCATTTCGAGCACGTGAAATCTGCCTGTGTTTCGGACA
Brb_F	GGTTACTTATACATTCTGAAGCCCATTTCGAGCACGTGAAATCTGCCTGTGTTTCGGACA

Brb_R	GGTTACTTATACATTCTGAAGCCCATTTCAGACACGTGAAATCTGCCTGTGTTTCGGACA *****
Pallas_F	CGCTCTGCCTGCCTGCCTACCGCGGCACCGGACTGGGAGCAGGGCAGAGCGGCTACAGCT
Pallas_R	CGCTCTGCCTGCCTGCCTACCGCGGCACCGGACTGGGAGCAGGGCAGAGCGGCTACAGCT
Brb_F	CGCTCTGCCTGCCTGCCTACCGCGGCACCGGACTGGGAGCAGGGCAGAGCGGCTACAGCT
Brb_R	CGCTCTGCCTGCCTGCCTACCGCGGCACCGGACTGGGAGCAGGGCAGAGCGGCTACAGCT *****
Pallas_F	TCCCTTCTATTCTTTCTTTACCTCTGCCACTCTGTCTGTTTCTTTTAACGGCCCGTCGA
Pallas_R	TCCCTTCTATTCTTTCTTTACCTCTGCCACTCTGTCTGTTTCTTTTAACGGCCCGTCGA
Brb_F	TCCCTTCTATTCTTTCTTTACCTCTGCCACTCTGTCTGTTTCTTTTAACGGCCCGTCGA
Brb_R	TCCCTTCTATTCTTTCTTTACCTCTGCCACTCTGTCTGTTTCTTTTAACGGCCCGTCGA *****
Pallas_F	TCTGCTCTTTTGCTGCCCATGCAAACACAGGGACATGCCACTGTAGCACGGCGTGTGTTGC
Pallas_R	TCTGCTCTTTTGCTGCCCATGCAAACACAGGGACATGCCACTGTAGCACGGCGTGTGTTGC
Brb_F	TCTGCTCTTTTGCTGCCCATGCAAACACAGGGACATGCCACTGTAGCACGGCGTGTGTTGC
Brb_R	TCTGCTCTTTTGCTGCCCATGCAAACACAGGGACATGCCACTGTAGCACGGCGTGTGTTGC *****
Pallas_F	TGCCAATCTGCTGCGCCGCGAGTCCCCCAGTAA
Pallas_R	TGCCAATCTGCTGCGCCGCGAGTCCCCCAGTAA
Brb_F	TGCCAATCTGCTGCGCCGCGAGTCCCCCAGTAA
Brb_R	TGCCAATCTGCTGCGCCGCGAGTCCCCCAGTAA *****

Alignment_HORVU7Hr1G030290

Pallas_F GGTGCCGATCTGGTCCGTCCGATCCCCGATCCGACGGCTGAGGAGACATAGTCCCAGGCC
Pallas_R GGTGCCGATCTGGTCCGTCCGATCCCCGATCCGACGGCTGAGGAGACATAGTCCCAGGCC
Brb_F GGTGCCGATCTGGTCCGTCCGATCCCCGATCCGACGGCTGAGGAGACATAGTCCCAGGCC
Brb_R GGTGCCGATCTGGTCCGTCCGATCCCCGATCCGACGGCTGAGGAGACATAGTCCCAGGCC

Pallas_F CCAAAAACGCTCCACCTATACATGCATCCCCGCCTGACACCTTCCATTTCCATTTCCTCAAG
Pallas_R CCAAAAACGCTCCACCTATACATGCATCCCCGCCTGACACCTTCCATTTCCATTTCCTCAAG
Brb_F CCAAAAACGCTCCACCTATACATGCATCCCCGCCTGACACCTTCCATTTCCATTTCCTCAAG
Brb_R CCAAAAACGCTCCACCTATACATGCATCCCCGCCTGACACCTTCCATTTCCATTTCCTCAAG

Pallas_F AAGCTGCGAGCCTGCAGAGCTGCACGCCATGGCAGCACTGCACTGCACTGCCCTGCCATG
Pallas_R AAGCTGCGAGCCTGCAGAGCTGCACGCCATGGCAGCACTGCACTGCACTGCCCTGCCATG
Brb_F AAGCTGCGAGCCTGCAGAGCTGCACGCCATGGCAGCACTGCACTGCACTGCCCTGCCATG
Brb_R AAGCTGCGAGCCTGCAGAGCTGCACGCCATGGCAGCACTGCACTGCACTGCCCTGCCATG

Pallas_F GTAGTACTCCCACTATTCCCTCCCGCAGAGCTGCGCCGAAAATTCCTTCTTCCCATTCA
Pallas_R GTAGTACTCCCACTATTCCCTCCCGCAGAGCTGCGCCGAAAATTCCTTCTTCCCATTCA
Brb_F GTAGTACTCCCACTATTCCCTCCCGCAGAGCTGCGCCGAAAATTCCTTCTTCCCATTCA
Brb_R GTAGTACTCCCACTATTCCCTCCCGCAGAGCTGCGCCGAAAATTCCTTCTTCCCATTCA

Pallas_F GCACAGGCGCAGGCGCAGCAGCTGTCACGCCGGCCTGCTCTGCGGGCGCACACGCGCGC
Pallas_R GCACAGGCGCAGGCGCAGCAGCTGTCACGCCGGCCTGCTCTGCGGGCGCACACGCGCGC
Brb_F GCACAGGCGCAGGCGCAGCAGCTGTCACGCCGGCCTGCTCTGCGGGCGCACACGCGCGC
Brb_R GCACAGGCGCAGGCGCAGCAGCTGTCACGCCGGCCTGCTCTGCGGGCGCACACGCGCGC

Pallas_F GCGCTCTGGCGCGAGCTGCACGGCGCGTCAGTAACTCGCAGAATCACAGCTTCCATTTC
Pallas_R GCGCTCTGGCGCGAGCTGCACGGCGCGTCAGTAACTCGCAGAATCACAGCTTCCATTTC
Brb_F GCGCTCTGGCGCGAGCTGCACGGCGCGTCAGTAACTCGCAGAATCACAGCTTCCATTTC
Brb_R GCGCTCTGGCGCGAGCTGCACGGCGCGTCAGTAACTCGCAGAATCACAGCTTCCATTTC

Pallas_F AAAACAAAAGGTAAAAATGGAAGCCCGCCACAGTCGCCCGGCGTCAGTGCCCCGCTCGTA
Pallas_R AAAACAAAAGGTAAAAATGGAAGCCCGCCACAGTCGCCCGGCGTCAGTGCCCCGCTCGTA
Brb_F AAAACAAAAGGTAAAAATGGAAGCCCGCCACAGTCGCCCGGCGTCAGTGCCCCGCTCGTA
Brb_R AAAACAAAAGGTAAAAATGGAAGCCCGCCACAGTCGCCCGGCGTCAGTGCCCCGCTCGTA

Pallas_F CCGCCTCCGCCGCCTTCACTCCGGCGCATGGGTTGCCCGCCCCCGCACTTAATTCCCAGC
Pallas_R CCGCCTCCGCCGCCTTCACTCCGGCGCATGGGTTGCCCGCCCCCGCACTTAATTCCCAGC
Brb_F CCGCCTCCGCCGCCTTCACTCCGGCGCATGGGTTGCCCGCCCCCGCACTTAATTCCCAGC
Brb_R CCGCCTCCGCCGCCTTCACTCCGGCGCATGGGTTGCCCGCCCCCGCACTTAATTCCCAGC

Pallas_F CGGCCTGCGCTTTTCAAGGTACCTCCACGTACCGCAGTACGGGCCCGGGTCCATCGA
Pallas_R CGGCCTGCGCTTTTCAAGGTACCTCCACGTACCGCAGTACGGGCCCGGGTCCATCGA
Brb_F CGGCCTGCGCTTTTCAAGGTACCTCCACGTACCGCAGTACGGGCCCGGGTCCATCGA
Brb_R CGGCCTGCGCTTTTCAAGGTACCTCCACGTACCGCAGTACGGGCCCGGGTCCATCGA

Pallas_F TCGCCATTAGCTTAGCTCCCCGTGCGCATGATTAATGGCGCCCGGGCTAGCTTCCAAAA
Pallas_R TCGCCATTAGCTTAGCTCCCCGTGCGCATGATTAATGGCGCCCGGGCTAGCTTCCAAAA
Brb_F TCGCCATTAGCTTAGCTCCCCGTGCGCATGATTAATGGCGCCCGGGCTAGCTTCCAAAA
Brb_R TCGCCATTAGCTTAGCTCCCCGTGCGCATGATTAATGGCGCCCGGGCTAGCTTCCAAAA

Pallas_F CCCGATCCATTGGCTCGATCCGAACGGAATGCTGCCGCATTTACTCGCCTGCTTTTTTGA
Pallas_R CCCGATCCATTGGCTCGATCCGAACGGAATGCTGCCGCATTTACTCGCCTGCTTTTTTGA
Brb_F CCCGATCCATTGGCTCGATCCGAACGGAATGCTGCCGCATTTACTCGCCTGCTTTTTTGA
Brb_R CCCGATCCATTGGCTCGATCCGAACGGAATGCTGCCGCATTTACTCGCCTGCTTTTTTGA

Pallas_F	ATGCGTGCTGCGATTTTCAGCTTGCCGCGCATGCAGCCGTGTCCAGCCGCCGGGTGTTTCGG
Pallas_R	ATGCGTGCTGCGATTTTCAGCTTGCCGCGCATGCAGCCGTGTCCAGCCGCCGGGTGTTTCGG
Brb_F	ATGCGTGCTGCGATTTTCAGCTTGCCGCGCATGCAGCCGTGTCCAGCCGCCGGGTGTTTCGG
Brb_R	ATGCGTGCTGCGATTTTCAGCTTGCCGCGCATGCAGCCGTGTCCAGCCGCCGGGTGTTTCGG

Pallas_F	TGTTTCGGATGGATGATGCTTCGCTCTGCTCCTAGTAGCAGCCTCCTATAAAATACCGGGCG
Pallas_R	TGTTTCGGATGGATGATGCTTCGCTCTGCTCCTAGTAGCAGCCTCCTATAAAATACCGGGCG
Brb_F	TGTTTCGGATGGATGATGCTTCGCTCTGCTCCTAGTAGCAGCCTCCTATAAAATACCGGGCG
Brb_R	TGTTTCGGATGGATGATGCTTCGCTCTGCTCCTAGTAGCAGCCTCCTATAAAATACCGGGCG

Pallas_F	TCGTCGTGCATCGTGCATCGATCGATCGCCAACAATTCGAATTGTCCATCTCCCGCCACG
Pallas_R	TCGTCGTGCATCGTGCATCGATCGATCGCCAACAATTCGAATTGTCCATCTCCCGCCACG
Brb_F	TCGTCGTGCATCGTGCATCGATCGATCGCCAACAATTCGAATTGTCCATCTCCCGCCACG
Brb_R	TCGTCGTGCATCGTGCATCGATCGATCGCCAACAATTCGAATTGTCCATCTCCCGCCACG

Pallas_F	CGCACCCACCCACCTACGGGAATAAGCAAGCAAGCTGGTCACTGGGGTGACGAACCTAACG
Pallas_R	CGCACCCACCCACCTACGGGAATAAGCAAGCAAGCTGGTCACTGGGGTGACGAACCTAACG
Brb_F	CGCACCCACCCACCTACGGGAATAAGCAAGCAAGCTGGTCACTGGGGTGACGAACCTAACG
Brb_R	CGCACCCACCCACCTACGGGAATAAGCAAGCAAGCTGGTCACTGGGGTGACGAACCTAACG

Pallas_F	ATCGATGGCCCGTTTGGTTAGAGACGGCGGTCTGTGGACGAGGGGTGGCGGCGGTGGAGGA
Pallas_R	ATCGATGGCCCGTTTGGTTAGAGACGGCGGTCTGTGGACGAGGGGTGGCGGCGGTGGAGGA
Brb_F	ATCGATGGCCCGTTTGGTTAGAGACGGCGGTCTGTGGACGAGGGGTGGCGGCGGTGGAGGA
Brb_R	ATCGATGGCCCGTTTGGTTAGAGACGGCGGTCTGTGGACGAGGGGTGGCGGCGGTGGAGGA

Pallas_F	GATGGCGCCGCCACTGCCTCTGCCTCCGCCGCCGCGCCTCGCGTCGGCGGCGTTGTCTTC
Pallas_R	GATGGCGCCGCCACTGCCTCTGCCTCCGCCGCCGCGCCTCGCGTCGGCGGCGTTGTCTTC
Brb_F	GATGGCGCCGCCACTGCCTCTGCCTCCGCCGCCGCGCCTCGCGTCGGCGGCGTTGTCTTC
Brb_R	GATGGCGCCGCCACTGCCTCTGCCTCCGCCGCCGCGCCTCGCGTCGGCGGCGTTGTCTTC

Pallas_F	CTCGTCGCCGCGTCCATCCGTGCGCTGCTGGCGAGGACCGGGGGCGGGGCGGACTGCCA
Pallas_R	CTCGTCGCCGCGTCCATCCGTGCGCTGCTGGCGAGGACCGGGGGCGGGGCGGACTGCCA
Brb_F	CTCGTCGCCGCGTCCATCCGTGCGCTGCTGGCGAGGACCGGGGGCGGGGCGGACTGCCA
Brb_R	CTCGTCGCCGCGTCCATCCGTGCGCTGCTGGCGAGGACCGGGGGCGGGGCGGACTGCCA

Pallas_F	GCAGTCGCCGCGGTGCTGCTGTCCCGCATCCTGCTGCGCGGCGGCGGCGATCATCACGG
Pallas_R	GCAGTCGCCGCGGTGCTGCTGTCCCGCATCCTGCTGCGCGGCGGCGGCGATCATCACGG
Brb_F	GCAGTCGCCGCGGTGCTGCTGTCCCGCATCCTGCTGCGCGGCGGCGGCGATCATCACGG
Brb_R	GCAGTCGCCGCGGTGCTGCTGTCCCGCATCCTGCTGCGCGGCGGCGGCGATCATCACGG

Pallas_F	CGGGAACGGGGGAGGGTCGTTTCGGGTGCCGGGTCAAGGCTTCCGCGGCGGTACGGTAGTAG
Pallas_R	CGGGAACGGGGGAGGGTCGTTTCGGGTGCCGGGTCAAGGCTTCCGCGGCGGTACGGTAGTAG
Brb_F	CGGGAACGGGGGAGGGTCGTTTCGGGTGCCGGGTCAAGGCTTCCGCGGCGGTACGGTAGTAG
Brb_R	CGGGAACGGGGGAGGGTCGTTTCGGGTGCCGGGTCAAGGCTTCCGCGGCGGTACGGTAGTAG

Pallas_F	CAGCTCGTCCGTTCGGCGACAGCATCAGGGAGGAGAGGAAGGACGACGGCGCTGCCTCCGA
Pallas_R	CAGCTCGTCCGTTCGGCGACAGCATCAGGGAGGAGAGGAAGGACGACGGCGCTGCCTCCGA
Brb_F	CAGCTCGTCCGTTCGGCGACAGCATCAGGGAGGAGAGGAAGGACGACGGCGCTGCCTCCGA
Brb_R	CAGCTCGTCCGTTCGGCGACAGCATCAGGGAGGAGAGGAAGGACGACGGCGCTGCCTCCGA

Pallas_F	GCAGTCGGCGGACGACGTTCGGCTCCGCCAGGGTCAAGGTTGTTCGAGCGCTCGCCGGAGCT
Pallas_R	GCAGTCGGCGGACGACGTTCGGCTCCGCCAGGGTCAAGGTTGTTCGAGCGCTCGCCGGAGCT
Brb_F	GCAGTCGGCGGACGACGTTCGGCTCCGCCAGGGTCAAGGTTGTTCGAGCGCTCGCCGGAGCT
Brb_R	GCAGTCGGCGGACGACGTTCGGCTCCGCCAGGGTCAAGGTTGTTCGAGCGCTCGCCGGAGCT

Pallas_F	GCCCGTCGACACGCCCCGGAGCTCCCTAGGTAATTGCCATATAGATCGTCTACGTACAGT
Pallas_R	GCCCGTCGACACGCCCCGGAGCTCCCTAGGTAATTGCCATATAGATCGTCTACGTACAGT
Brb_F	GCCCGTCGACACGCCCCGGAGCTCCCTAGGTAATTGCCATATAGATCGTCTACGTACAGT
Brb_R	GCCCGTCGACACGCCCCGGAGCTCCCTAGGTAATTGCCATATAGATCGTCTACGTACAGT

Brb_R	GCCCGTCGACACGCCCCGGAGCTCCCTAGGTAATTGCCATATAGATCGTCTACGTACAGT *****
Pallas_F	TCGTAGCGATTAGTAGATTAGATGATGTTGATCGGAACCTGTGGATGATCGATGCAGGCA
Pallas_R	TCGTAGCGATTAGTAGATTAGATGATGTTGATCGGAACCTGTGGATGATCGATGCAGGCA
Brb_F	TCGTAGCGATTAGTAGATTAGATGATGTTGATCGGAACCTGTGGATGATCGATGCAGGCA
Brb_R	TCGTAGCGATTAGTAGATTAGATGATGTTGATCGGAACCTGTGGATGATCGATGCAGGCA *****
Pallas_F	AGAAGAAGCCGGAGGAGGAGGTCATGTCGATGAGCCTTCGGCTGGGCGCGAGCCTGGTGC
Pallas_R	AGAAGAAGCCGGAGGAGGAGGTCATGTCGATGAGCCTTCGGCTGGGCGCGAGCCTGGTGC
Brb_F	AGAAGAAGCCGGAGGAGGAGGTCATGTCGATGAGCCTTCGGCTGGGCGCGAGCCTGGTGC
Brb_R	AGAAGAAGCCGGAGGAGGAGGTCATGTCGATGAGCCTTCGGCTGGGCGCGAGCCTGGTGC *****
Pallas_F	TGCTGCTCTCCAAGAGCGCGGTGGAGCTGAACAAGATGGTGGAGCTCCGCGCGCAGATGG
Pallas_R	TGCTGCTCTCCAAGAGCGCGGTGGAGCTGAACAAGATGGTGGAGCTCCGCGCGCAGATGG
Brb_F	TGCTGCTCTCCAAGAGCGCGGTGGAGCTGAACAAGATGGTGGAGCTCCGCGCGCAGATGG
Brb_R	TGCTGCTCTCCAAGAGCGCGGTGGAGCTGAACAAGATGGTGGAGCTCCGCGCGCAGATGG *****
Pallas_F	AGGCGCTCGTGTCTGGAGATCAGGCACGAGACCATCGGGAAGGAGAAGCACGGCGGCTCTG
Pallas_R	AGGCGCTCGTGTCTGGAGATCAGGCACGAGACCATCGGGAAGGAGAAGCACGGCGGCTCTG
Brb_F	AGGCGCTCGTGTCTGGAGATCAGGCACGAGACCATCGGGAAGGAGAAGCACGGCGGCTCTG
Brb_R	AGGCGCTCGTGTCTGGAGATCAGGCACGAGACCATCGGGAAGGAGAAGCACGGCGGCTCTG *****
Pallas_F	CTCCGGCCGCTCGTCTCTCTCTCCAGGAGTCCACCGTGATCAAGGACCCCATCGCCC
Pallas_R	CTCCGGCCGCTCGTCTCTCTCTCTCCAGGAGTCCACCGTGATCAAGGACCCCATCGCCC
Brb_F	CTCCGGCCGCTCGTCTCTCTCTCTCCAGGAGTCCACCGTGATCAAGGACCCCATCGCCC
Brb_R	CTCCGGCCGCTCGTCTCTCTCTCTCCAGGAGTCCACCGTGATCAAGGACCCCATCGCCC *****
Pallas_F	GCGCCGAGGACGCGCTGTCCGGCAACTGCTCCGGCGCCCGGACCGCTGATCGCCGCCAGC
Pallas_R	GCGCCGAGGACGCGCTGTCCGGCAACTGCTCCGGCGCCCGGACCGCTGATCGCCGCCAGC
Brb_F	GCGCCGAGGACGCGCTGTCCGGCAACTGCTCCGGCGCCCGGACCGCTGATCGCCGCCAGC
Brb_R	GCGCCGAGGACGCGCTGTCCGGCAACTGCTCCGGCGCCCGGACCGCTGATCGCCGCCAGC *****
Pallas_F	TTTCCGCCGCCGTCGTGCGGATGGACCATAACAAGATGGAGGCCGAGCTCCAGCTCGAGC
Pallas_R	TTTCCGCCGCCGTCGTGCGGATGGACCATAACAAGATGGAGGCCGAGCTCCAGCTCGAGC
Brb_F	TTTCCGCCGCCGTCGTGCGGATGGACCATAACAAGATGGAGGCCGAGCTCCAGCTCGAGC
Brb_R	TTTCCGCCGCCGTCGTGCGGATGGACCATAACAAGATGGAGGCCGAGCTCCAGCTCGAGC *****
Pallas_F	TGAGCCGCATGCAGGCGCAGCATCGCGCCATGCACGCGCCCATCAGAGGGCTCGAGGTAC
Pallas_R	TGAGCCGCATGCAGGCGCAGCATCGCGCCATGCACGCGCCCATCAGAGGGCTCGAGGTAC
Brb_F	TGAGCCGCATGCAGGCGCAGCATCGCGCCATGCACGCGCCCATCAGAGGGCTCGAGGTAC
Brb_R	TGAGCCGCATGCAGGCGCAGCATCGCGCCATGCACGCGCCCATCAGAGGGCTCGAGGTAC *****
Pallas_F	GTAGCGTACGTACGATCGAGTGTAACGCGACGGCATATCTTGATCTTGAGTAGCACGTA
Pallas_R	GTAGCGTACGTACGATCGAGTGTAACGCGACGGCATATCTTGATCTTGAGTAGCACGTA
Brb_F	GTAGCGTACGTACGATCGAGTGTAACGCGACGGCATATCTTGATCTTGAGTAGCACGTA
Brb_R	GTAGCGTACGTACGATCGAGTGTAACGCGACGGCATATCTTGATCTTGAGTAGCACGTA *****
Pallas_F	CTCCATGCATGCATGCATGCACAGCGAATTGCGTCCCGTTCCCGCGCTTGCTTGCTGATG
Pallas_R	CTCCATGCATGCATGCATGCACAGCGAATTGCGTCCCGTTCCCGCGCTTGCTTGCTGATG
Brb_F	CTCCATGCATGCATGCATGCACAGCGAATTGCGTCCCGTTCCCGCGCTTGCTTGCTGATG
Brb_R	CTCCATGCATGCATGCATGCACAGCGAATTGCGTCCCGTTCCCGCGCTTGCTTGCTGATG *****
Pallas_F	ATGCACTTACGCGTCTTCTCTTTTTGGCCAGCTGCCGCCGCTGCAGGTGAAGACGGCGAG
Pallas_R	ATGCACTTACGCGTCTTCTCTTTTTGGCCAGCTGCCGCCGCTGCAGGTGAAGACGGCGAG
Brb_F	ATGCACTTACGCGTCTTCTCTTTTTGGCCAGCTGCCGCCGCTGCAGGTGAAGACGGCGAG
Brb_R	ATGCACTTACGCGTCTTCTCTTTTTGGCCAGCTGCCGCCGCTGCAGGTGAAGACGGCGAG *****

Pallas_F	GAGCGCGCACGTGTCCGTCGACACGACGTCGAGGAGCTGCGTCGTCGACCACGCGACGCA
Pallas_R	GAGCGCGCACGTGTCCGTCGACACGACGTCGAGGAGCTGCGTCGTCGACCACGCGACGCA
Brb_F	GAGCGCGCACGTGTCCGTCGACACGACGTCGAGGAGCTGCGTCGTCGACCACGCGACGCA
Brb_R	GAGCGCGCACGTGTCCGTCGACACGACGTCGAGGAGCTGCGTCGTCGACCACGCGACGCA

Pallas_F	GGTGAACGCCGACGAGGAGGACGGCGAGGACGAAGAGGATCAGCGCGAGGAGGACTACGA
Pallas_R	GGTGAACGCCGACGAGGAGGACGGCGAGGACGAAGAGGATCAGCGCGAGGAGGACTACGA
Brb_F	GGTGAACGCCGACGAGGAGGACGGCGAGGACGAAGAGGATCAGCGCGAGGAGGACTACGA
Brb_R	GGTGAACGCCGACGAGGAGGACGGCGAGGACGAAGAGGATCAGCGCGAGGAGGACTACGA

Pallas_F	CGAGGAGGAGGAGGGCGACGACGACGACGACGGTGGCGAGGTGGTGGACCGCGACAGGAG
Pallas_R	CGAGGAGGAGGAGGGCGACGACGACGACGACGGTGGCGAGGTGGTGGACCGCGACAGGAG
Brb_F	CGAGGAGGAGGAGGGCGACGACGACGACGACGGTGGCGAGGTGGTGGACCGCGACAGGAG
Brb_R	CGAGGAGGAGGAGGGCGACGACGACGACGACGGTGGCGAGGTGGTGGACCGCGACAGGAG

Pallas_F	CCCCCGCACGGCGGCGTGTGCGGCGCGCGCTGGAACGGCGGCTGCACGAGCTGCTGCA
Pallas_R	CCCCCGCACGGCGGCGTGTGCGGCGCGCGCTGGAACGGCGGCTGCACGAGCTGCTGCA
Brb_F	CCCCCGCACGGCGGCGTGTGCGGCGCGCGCTGGAACGGCGGCTGCACGAGCTGCTGCA
Brb_R	CCCCCGCACGGCGGCGTGTGCGGCGCGCGCTGGAACGGCGGCTGCACGAGCTGCTGCA

Pallas_F	GCGGCGGCAGCAGGACCGCATCTGTGGAGCTGGAGGCGGCGCTGGACGGCGCCAGCGGCG
Pallas_R	GCGGCGGCAGCAGGACCGCATCTGTGGAGCTGGAGGCGGCGCTGGACGGCGCCAGCGGCG
Brb_F	GCGGCGGCAGCAGGACCGCATCTGTGGAGCTGGAGGCGGCGCTGGACGGCGCCAGCGGCG
Brb_R	GCGGCGGCAGCAGGACCGCATCTGTGGAGCTGGAGGCGGCGCTGGACGGCGCCAGCGGCG

Pallas_F	GCTCCAGGAGCGGGAGCGCAGGTGGTGTGGTGGCGGACGCCGCAAAGCTCGTGTCCTCA
Pallas_R	GCTCCAGGAGCGGGAGCGCAGGTGGTGTGGTGGCGGACGCCGCAAAGCTCGTGTCCTCA
Brb_F	GCTCCAGGAGCGGGAGCGCAGGTGGTGTGGTGGCGGACGCCGCAAAGCTCGTGTCCTCA
Brb_R	GCTCCAGGAGCGGGAGCGCAGGTGGTGTGGTGGCGGACGCCGCAAAGCTCGTGTCCTCA

Pallas_F	CCGCCGCGACGAGTCCCGCCGCTCAGGTGCACCGCCCCGAGCCGGTCCGATAAGCACA
Pallas_R	CCGCCGCGACGAGTCCCGCCGCTCAGGTGCACCGCCCCGAGCCGGTCCGATAAGCACA
Brb_F	CCGCCGCGACGAGTCCCGCCGCTCAGGTGCACCGCCCCGAGCCGGTCCGATAAGCACA
Brb_R	CCGCCGCGACGAGTCCCGCCGCTCAGGTGCACCGCCCCGAGCCGGTCCGATAAGCACA

Pallas_F	CCCACACGCACACGCACGCGCACACGCGCGTGTGAGCTCTCGGCTCACGTGTGCGTGGCA
Pallas_R	CCCACACGCACACGCACGCGCACACGCGCGTGTGAGCTCTCGGCTCACGTGTGCGTGGCA
Brb_F	CCCACACGCACACGCACGCGCACACGCGCGTGTGAGCTCTCGGCTCACGTGTGCGTGGCA
Brb_R	CCCACACGCACACGCACGCGCACACGCGCGTGTGAGCTCTCGGCTCACGTGTGCGTGGCA

Pallas_F	TGGCAGCTCTAGCTAGCGAGTAATGGCGGGGCAGCCGCCATGTCAGGGTGTGTGAGTCG
Pallas_R	TGGCAGCTCTAGCTAGCGAGTAATGGCGGGGCAGCCGCCATGTCAGGGTGTGTGAGTCG
Brb_F	TGGCAGCTCTAGCTAGCGAGTAATGGCGGGGCAGCCGCCATGTCAGGGTGTGTGAGTCG
Brb_R	TGGCAGCTCTAGCTAGCGAGTAATGGCGGGGCAGCCGCCATGTCAGGGTGTGTGAGTCG

Pallas_F	GGCTTGTGGAGGGAGAGGAGTGGAGGTCTCCTGGTCACGCTGCGCGGGTGAGGCGGCGTT
Pallas_R	GGCTTGTGGAGGGAGAGGAGTGGAGGTCTCCTGGTCACGCTGCGCGGGTGAGGCGGCGTT
Brb_F	GGCTTGTGGAGGGAGAGGAGTGGAGGTCTCCTGGTCACGCTGCGCGGGTGAGGCGGCGTT
Brb_R	GGCTTGTGGAGGGAGAGGAGTGGAGGTCTCCTGGTCACGCTGCGCGGGTGAGGCGGCGTT

Pallas_F	AATAACGGCCCCGATCGGGCTCGGTTTGGCGCGCAACCGCGCGCGCAGGCGCTCGGA
Pallas_R	AATAACGGCCCCGATCGGGCTCGGTTTGGCGCGCAACCGCGCGCGCAGGCGCTCGGA
Brb_F	AATAACGGCCCCGATCGGGCTCGGTTTGGCGCGCAACCGCGCGCGCAGGCGCTCGGA
Brb_R	AATAACGGCCCCGATCGGGCTCGGTTTGGCGCGCAACCGCGCGCGCAGGCGCTCGGA

Pallas_F	GATGGCGGGAAATGGGTGCGTGTGTGGGGTCTGCGCTGTAATAACAACCATTTGTTTCAGAG
Pallas_R	GATGGCGGGAAATGGGTGCGTGTGTGGGGTCTGCGCTGTAATAACAACCATTTGTTTCAGAG
Brb_F	GATGGCGGGAAATGGGTGCGTGTGTGGGGTCTGCGCTGTAATAACAACCATTTGTTTCAGAG

Brb_R	GATGGCGGGAAATGGGTGCGTGTGTGGGGTCTGCGCTGTAATAACAACCATTGTTCAGAG *****
Pallas_F	TTTTTGTTCGGCTGTCCTGCTGCCCATTGATTGCTTGCTAGCGTCGATGCGTCCTTCG
Pallas_R	TTTTTGTTCGGCTGTCCTGCTGCCCATTGATTGCTTGCTAGCGTCGATGCGTCCTTCG
Brb_F	TTTTTGTTCGGCTGTCCTGCTGCCCATTGATTGCTTGCTAGCGTCGATGCGTCCTTCG
Brb_R	TTTTTGTTCGGCTGTCCTGCTGCCCATTGATTGCTTGCTAGCGTCGATGCGTCCTTCG *****
Pallas_F	TTTTATTTATTATATTATATATGCTCCTACGTATGTTTCCAAATTCTGCGAGGGAAAGAC
Pallas_R	TTTTATTTATTATATTATATATGCTCCTACGTATGTTTCCAAATTCTGCGAGGGAAAGAC
Brb_F	TTTTATTTATTATATTATATATGCTCCTACGTATGTTTCCAAATTCTGCGAGGGAAAGAC
Brb_R	TTTTATTTATTATATTATATATGCTCCTACGTATGTTTCCAAATTCTGCGAGGGAAAGAC *****
Pallas_F	AGAAGAGCTGGGGCCTGGTTTCAGAAACCAGAATTTTCGGTTTCTGAAGCTCTGCTCTGAT
Pallas_R	AGAAGAGCTGGGGCCTGGTTTCAGAAACCAGAATTTTCGGTTTCTGAAGCTCTGCTCTGAT
Brb_F	AGAAGAGCTGGGGCCTGGTTTCAGAAACCAGAATTTTCGGTTTCTGAAGCTCTGCTCTGAT
Brb_R	AGAAGAGCTGGGGCCTGGTTTCAGAAACCAGAATTTTCGGTTTCTGAAGCTCTGCTCTGAT *****
Pallas_F	TTTTCCAAATTCTGCGAGGGGCGAGCTTGTTTCCGAACCTGTTCTGAGCTCTGCTGCGTTC
Pallas_R	TTTTCCAAATTCTGCGAGGGGCGAGCTTGTTTCCGAACCTGTTCTGAGCTCTGCTGCGTTC
Brb_F	TTTTCCAAATTCTGCGAGGGGCGAGCTTGTTTCCGAACCTGTTCTGAGCTCTGCTGCGTTC
Brb_R	TTTTCCAAATTCTGCGAGGGGCGAGCTTGTTTCCGAACCTGTTCTGAGCTCTGCTGCGTTC *****
Pallas_F	TGGTTCCAAATTCAGCGAGGGAAAAACGGAGCTGGGGCCTGGTTTCTGAATTTGGTTCTG
Pallas_R	TGGTTCCAAATTCAGCGAGGGAAAAACGGAGCTGGGGCCTGGTTTCTGAATTTGGTTCTG
Brb_F	TGGTTCCAAATTCAGCGAGGGAAAAACGGAGCTGGGGCCTGGTTTCTGAATTTGGTTCTG
Brb_R	TGGTTCCAAATTCAGCGAGGGAAAAACGGAGCTGGGGCCTGGTTTCTGAATTTGGTTCTG *****
Pallas_F	GGCTCTGCTCATGCTCCAAACTCTGGGAGGGAAAAATGGGCAGGGACCAGGTATATACTAG
Pallas_R	GGCTCTGCTCATGCTCCAAACTCTGGGAGGGAAAAATGGGCAGGGACCAGGTATATACTAG
Brb_F	GGCTCTGCTCATGCTCCAAACTCTGGGAGGGAAAAATGGGCAGGGACCAGGTATATACTAG
Brb_R	GGCTCTGCTCATGCTCCAAACTCTGGGAGGGAAAAATGGGCAGGGACCAGGTATATACTAG *****
Pallas_F	CGTAGTACATTATCTCGAGCAGGAAGTGTCTGATTCTAGCCGAATTTACTCGGGTGCTGC
Pallas_R	CGTAGTACATTATCTCGAGCAGGAAGTGTCTGATTCTAGCCGAATTTACTCGGGTGCTGC
Brb_F	CGTAGTACATTATCTCGAGCAGGAAGTGTCTGATTCTAGCCGAATTTACTCGGGTGCTGC
Brb_R	CGTAGTACATTATCTCGAGCAGGAAGTGTCTGATTCTAGCCGAATTTACTCGGGTGCTGC *****
Pallas_F	GGCTCAGCAGATTGGCTGCTGCTGCTGTTGCGGTGTGTCCTTGGGGCTGGCCGGCTGGGG
Pallas_R	GGCTCAGCAGATTGGCTGCTGCTGCTGTTGCGGTGTGTCCTTGGGGCTGGCCGGCTGGGG
Brb_F	GGCTCAGCAGATTGGCTGCTGCTGCTGTTGCGGTGTGTCCTTGGGGCTGGCCGGCTGGGG
Brb_R	GGCTCAGCAGATTGGCTGCTGCTGCTGTTGCGGTGTGTCCTTGGGGCTGGCCGGCTGGGG *****
Pallas_F	CATTCATTTGGGCGGCAACGGGGCGTTAGTTAGGACAGGGAAACCGACAGATGCATGCG
Pallas_R	CATTCATTTGGGCGGCAACGGGGCGTTAGTTAGGACAGGGAAACCGACAGATGCATGCG
Brb_F	CATTCATTTGGGCGGCAACGGGGCGTTAGTTAGGACAGGGAAACCGACAGATGCATGCG
Brb_R	CATTCATTTGGGCGGCAACGGGGCGTTAGTTAGGACAGGGAAACCGACAGATGCATGCG *****
Pallas_F	GCGCAGCAGCAGTAACAGTCTAACAGACAGTGGTAAGAAATGGAAGGAGGAGAAGCTGCG
Pallas_R	GCGCAGCAGCAGTAACAGTCTAACAGACAGTGGTAAGAAATGGAAGGAGGAGAAGCTGCG
Brb_F	GCGCAGCAGCAGTAACAGTCTAACAGACAGTGGTAAGAAATGGAAGGAGGAGAAGCTGCG
Brb_R	GCGCAGCAGCAGTAACAGTCTAACAGACAGTGGTAAGAAATGGAAGGAGGAGAAGCTGCG *****
Pallas_F	CGCTCTGCTCT
Pallas_R	CGCTCTGCTCT
Brb_F	CGCTCTGCTCT
Brb_R	CGCTCTGCTCT *****

Alignment_HORVU7Hr1G030270

Pallas_F CATTGTGGGTAGACCCAAATAAGTGTCTGACAATGCCTCAGTAACAATGTCAAGTTCTCT
Pallas_R CATTGTGGGTAGACCCAAATAAGTGTCTGACAATGCCTCAGTAACAATGTCAAGTTCTCT
Brb_F CATTGTGGGTAGACCCAAATAAGTGTCTGACAATGCCTCAGTAACAATGTCAAGTTCTCT
Brb_R CATTGTGGGTAGACCCAAATAAGTGTCTGACAATGCCTCAGTAACAATGTCAAGTTCTCT

Pallas_F GCAGATATTCTCTCTCACACAGACCCCGGTATTTCGGGCTGAACAATATACTAGATTTTGC
Pallas_R GCAGATATTCTCTCTCACACAGACCCCGGTATTTCGGGCTGAACAATATACTAGATTTTGC
Brb_F GCAGATATTCTCTCTCACACAGACCCCGGTATTTCGGGCTGAACAATATACTAGATTTTGC
Brb_R GCAGATATTCTCTCTCACACAGACCCCGGTATTTCGGGCTGAACAATATACTAGATTTTGC

Pallas_F AGTACTTACAACCTTGGCCTGAGCTGGTACAATAAAGATCCAACACCTTCTTAAGATTGCT
Pallas_R AGTACTTACAACCTTGGCCTGAGCTGGTACAATAAAGATCCAACACCTTCTTAAGATTGCT
Brb_F AGTACTTACAACCTTGGCCTGAGCTGGTACAATAAAGATCCAACACCTTCTTAAGATTGCT
Brb_R AGTACTTACAACCTTGGCCTGAGCTGGTACAATAAAGATCCAACACCTTCTTAAGATTGCT

Pallas_F TGCATTCTGGGCATTGGCTTTCATCAACACCAACGAGTCATCTGCAAATAAAGATGTGA
Pallas_R TGCATTCTGGGCATTGGCTTTCATCAACACCAACGAGTCATCTGCAAATAAAGATGTGA
Brb_F TGCATTCTGGGCATTGGCTTTCATCAACACCAACGAGTCATCTGCAAATAAAGATGTGA
Brb_R TGCATTCTGGGCATTGGCTTTCATCAACACCAACGAGTCATCTGCAAATAAAGATGTGA

Pallas_F TACAGCGGGTGCACTCCTACACACCTTAACACACTCCAATCCTCGAGATTCCTCCTCGTG
Pallas_R TACAGCGGGTGCACTCCTACACACCTTAACACACTCCAATCCTCGAGATTCCTCCTCGTG
Brb_F TACAGCGGGTGCACTCCTACACACCTTAACACACTCCAATCCTCGAGATTCCTCCTCGTG
Brb_R TACAGCGGGTGCACTCCTACACACCTTAACACACTCCAATCCTCGAGATTCCTCCTCGTG

Pallas_F AGCTAATAAGCTTTTTTTTAAAGAGTGAGCTAATAAGCTTGATAGACCTTCAGAGCATAT
Pallas_R AGCTAATAAGCTTTTTTTTAAAGAGTGAGCTAATAAGCTTGATAGACCTTCAGAGCATAT
Brb_F AGCTAATAAGCTTTTTTTTAAAGAGTGAGCTAATAAGCTTGATAGACCTTCAGAGCATAT
Brb_R AGCTAATAAGCTTTTTTTTAAAGAGTGAGCTAATAAGCTTGATAGACCTTCAGAGCATAT

Pallas_F TAAGAACAAATATGGGATAACGGATCCCCCTATCTCAGGCCTCTACCGGGCACAATTTCG
Pallas_R TAAGAACAAATATGGGATAACGGATCCCCCTATCTCAGGCCTCTACCGGGCACAATTTCG
Brb_F TAAGAACAAATATGGGATAACGGATCCCCCTATCTCAGGCCTCTACCGGGCACAATTTCG
Brb_R TAAGAACAAATATGGGATAACGGATCCCCCTATCTCAGGCCTCTACCGGGCACAATTTCG

Pallas_F TTCGTCTCCGTATTATTAGAAACGCACTCTGTACGTGACCGAGGAAACACACTCCATATT
Pallas_R TTCGTCTCCGTATTATTAGAAACGCACTCTGTACGTGACCGAGGAAACACACTCCATATT
Brb_F TTCGTCTCCGTATTATTAGAAACGCACTCTGTACGTGACCGAGGAAACACACTCCATATT
Brb_R TTCGTCTCCGTATTATTAGAAACGCACTCTGTACGTGACCGAGGAAACACACTCCATATT

Pallas_F CAACACCTCTTCAATTCTTCCTCTAGCCCAATAACCAACCCGTCCTACGTTCTCCCTCG
Pallas_R CAACACCTCTTCAATTCTTCCTCTAGCCCAATAACCAACCCGTCCTACGTTCTCCCTCG
Brb_F CAACACCTCTTCAATTCTTCCTCTAGCCCAATAACCAACCCGTCCTACGTTCTCCCTCG
Brb_R CAACACCTCTTCAATTCTTCCTCTAGCCCAATAACCAACCCGTCCTACGTTCTCCCTCG

Pallas_F AACAGAGTCGCCCCGGTTTGCAGCGCCGCACACGGGACCTCTCCGGCCGGCGACGACAA
Pallas_R AACAGAGTCGCCCCGGTTTGCAGCGCCGCACACGGGACCTCTCCGGCCGGCGACGACAA
Brb_F AACAGAGTCGCCCCGGTTTGCAGCGCCGCACACGGGACCTCTCCGGCCGGCGACGACAA
Brb_R AACAGAGTCGCCCCGGTTTGCAGCGCCGCACACGGGACCTCTCCGGCCGGCGACGACAA

Pallas_F CCGGCCTCCGCCGGCAAACGGCGCACGCAGCGCAGGTAAGCTTCTTTCCCTCCATCCCCG
Pallas_R CCGGCCTCCGCCGGCAAACGGCGCACGCAGCGCAGGTAAGCTTCTTTCCCTCCATCCCCG
Brb_F CCGGCCTCCGCCGGCAAACGGCGCACGCAGCGCAGGTAAGCTTCTTTCCCTCCATCCCCG
Brb_R CCGGCCTCCGCCGGCAAACGGCGCACGCAGCGCAGGTAAGCTTCTTTCCCTCCATCCCCG

Pallas_F	CCCCCAACCCGCTAAATCCACTCGCCCGCTCGGAAAAACAAAATGAAACGTCTCGTCGGC
Pallas_R	CCCCCAACCCGCTAAATCCACTCGCCCGCTCGGAAAAACAAAATGAAACGTCTCGTCGGC
Brb_F	CCCCCAACCCGCTAAATCCACTCGCCCGCTCGGAAAAACAAAATGAAACGTCTCGTCGGC
Brb_R	CCCCCAACCCGCTAAATCCACTCGCCCGCTCGGAAAAACAAAATGAAACGTCTCGTCGGC

Pallas_F	GCCGCGTCCGCCGCTCTCACGCGAGCGAGCCAGCGGAGGCGCTTTCTCAGGCGACCCGT
Pallas_R	GCCGCGTCCGCCGCTCTCACGCGAGCGAGCCAGCGGAGGCGCTTTCTCAGGCGACCCGT
Brb_F	GCCGCGTCCGCCGCTCTCACGCGAGCGAGCCAGCGGAGGCGCTTTCTCAGGCGACCCGT
Brb_R	GCCGCGTCCGCCGCTCTCACGCGAGCGAGCCAGCGGAGGCGCTTTCTCAGGCGACCCGT

Pallas_F	CCGCCGCTCCTCCTCCTGTGCGGGTCTTCGTCTCTGTGCGGGTCTTCGTCTCCGGCGAC
Pallas_R	CCGCCGCTCCTCCTCCTGTGCGGGTCTTCGTCTCTGTGCGGGTCTTCGTCTCCGGCGAC
Brb_F	CCGCCGCTCCTCCTCCTGTGCGGGTCTTCGTCTCTGTGCGGGTCTTCGTCTCCGGCGAC
Brb_R	CCGCCGCTCCTCCTCCTGTGCGGGTCTTCGTCTCTGTGCGGGTCTTCGTCTCCGGCGAC

Pallas_F	GCCTCCTCCTGCGGCGTCGCCCGGAGGCTAGCCTGCTTCCTCTTCCTTCTCGCACGACG
Pallas_R	GCCTCCTCCTGCGGCGTCGCCCGGAGGCTAGCCTGCTTCCTCTTCCTTCTCGCACGACG
Brb_F	GCCTCCTCCTGCGGCGTCGCCCGGAGGCTAGCCTGCTTCCTCTTCCTTCTCGCACGACG
Brb_R	GCCTCCTCCTGCGGCGTCGCCCGGAGGCTAGCCTGCTTCCTCTTCCTTCTCGCACGACG

Pallas_F	ACATGTTTTTTTTTTTAGGTTTAGGCGATTTTCGGCCATGGCAGAGGGATAATTTTTTGT
Pallas_R	ACATGTTTTTTTTTTTAGGTTTAGGCGATTTTCGGCCATGGCAGAGGGATAATTTTTTGT
Brb_F	ACATGTTTTTTTTTTTAGGTTTAGGCGATTTTCGGCCATGGCAGAGGGATAATTTTTTGT
Brb_R	ACATGTTTTTTTTTTTAGGTTTAGGCGATTTTCGGCCATGGCAGAGGGATAATTTTTTGT

Pallas_F	CGGCGAACTCAAGGAGAAATGAAATTAACCTCAGAGTGTGCTGTGTGGAAGTCCTATGCT
Pallas_R	CGGCGAACTCAAGGAGAAATGAAATTAACCTCAGAGTGTGCTGTGTGGAAGTCCTATGCT
Brb_F	CGGCGAACTCAAGGAGAAATGAAATTAACCTCAGAGTGTGCTGTGTGGAAGTCCTATGCT
Brb_R	CGGCGAACTCAAGGAGAAATGAAATTAACCTCAGAGTGTGCTGTGTGGAAGTCCTATGCT

Pallas_F	ATGCAGTCACTAACATTAGGGGGAAGTTGTCAGGCATGCCCAACTGCCCATCATTATTTT
Pallas_R	ATGCAGTCACTAACATTAGGGGGAAGTTGTCAGGCATGCCCAACTGCCCATCATTATTTT
Brb_F	ATGCAGTCACTAACATTAGGGGGAAGTTGTCAGGCATGCCCAACTGCCCATCATTATTTT
Brb_R	ATGCAGTCACTAACATTAGGGGGAAGTTGTCAGGCATGCCCAACTGCCCATCATTATTTT

Pallas_F	CTGGATCAAGCATATCATCAGCCACATCACTGCCTTCAGATTCAGTTTGTTGAGGCCACT
Pallas_R	CTGGATCAAGCATATCATCAGCCACATCACTGCCTTCAGATTCAGTTTGTTGAGGCCACT
Brb_F	CTGGATCAAGCATATCATCAGCCACATCACTGCCTTCAGATTCAGTTTGTTGAGGCCACT
Brb_R	CTGGATCAAGCATATCATCAGCCACATCACTGCCTTCAGATTCAGTTTGTTGAGGCCACT

Pallas_F	AGCTGCTTGCTGCTTCTGGTACTTTTTTTTATTGAGAACAAATAACAGTCCTTCTGTTCA
Pallas_R	AGCTGCTTGCTGCTTCTGGTACTTTTTTTTATTGAGAACAAATAACAGTCCTTCTGTTCA
Brb_F	AGCTGCTTGCTGCTTCTGGTACTTTTTTTTATTGAGAACAAATAACAGTCCTTCTGTTCA
Brb_R	AGCTGCTTGCTGCTTCTGGTACTTTTTTTTATTGAGAACAAATAACAGTCCTTCTGTTCA

Pallas_F	TGCATTCAGGAAGAAGGAATTGTCTTCAGTTTTTTCTGAAACTGAAGCTTTGTAGCCGCT
Pallas_R	TGCATTCAGGAAGAAGGAATTGTCTTCAGTTTTTTCTGAAACTGAAGCTTTGTAGCCGCT
Brb_F	TGCATTCAGGAAGAAGGAATTGTCTTCAGTTTTTTCTGAAACTGAAGCTTTGTAGCCGCT
Brb_R	TGCATTCAGGAAGAAGGAATTGTCTTCAGTTTTTTCTGAAACTGAAGCTTTGTAGCCGCT

Pallas_F	AGAATAGCAGTCCTGTAGTGCTGTTCTCGTAGAATAGCAGCCCTGTAGTGCTGTTCTTGT
Pallas_R	AGAATAGCAGTCCTGTAGTGCTGTTCTCGTAGAATAGCAGCCCTGTAGTGCTGTTCTTGT
Brb_F	AGAATAGCAGTCCTGTAGTGCTGTTCTCGTAGAATAGCAGCCCTGTAGTGCTGTTCTTGT
Brb_R	AGAATAGCAGTCCTGTAGTGCTGTTCTCGTAGAATAGCAGCCCTGTAGTGCTGTTCTTGT

Pallas_F	ATTTCCATTTTACCTGTGCAGAGATTAAAGTTAAGTAGGTGAAAATTAATCTTTGTGAT
Pallas_R	ATTTCCATTTTACCTGTGCAGAGATTAAAGTTAAGTAGGTGAAAATTAATCTTTGTGAT
Brb_F	ATTTCCATTTTACCTGTGCAGAGATTAAAGTTAAGTAGGTGAAAATTAATCTTTGTGAT

Brb_R	ATTTCCATTTTCACCTGTGCAGAGATTAAAGTTAAGTAGGTGAAAATTAATCTTTGTGAT *****
Pallas_F	GATGATTACTTGATAAACTACCAAGATTAAATTACTGAACTATGTCTGTTATTATCTAT
Pallas_R	GATGATTACTTGATAAACTACCAAGATTAAATTACTGAACTATGTCTGTTATTATCTAT
Brb_F	GATGATTACTTGATAAACTACCAAGATTAAATTACTGAACTATGTCTGTTATTATCTAT
Brb_R	GATGATTACTTGATAAACTACCAAGATTAAATTACTGAACTATGTCTGTTATTATCTAT *****
Pallas_F	GTTGGGCGTCATCCGTCTATGTTGGGCGTCATCCGCCACAAGGACCATTGATGAAAATC
Pallas_R	GTTGGGCGTCATCCGTCTATGTTGGGCGTCATCCGCCACAAGGACCATTGATGAAAATC
Brb_F	GTTGGGCGTCATCCGTCTATGTTGGGCGTCATCCGCCACAAGGACCATTGATGAAAATC
Brb_R	GTTGGGCGTCATCCGTCTATGTTGGGCGTCATCCGCCACAAGGACCATTGATGAAAATC *****
Pallas_F	TTGCTTGTAGAGTTTAGAGAGTAGACTCTTTGCTTTTAGTTTCTCCATTCTGTTGCCATC
Pallas_R	TTGCTTGTAGAGTTTAGAGAGTAGACTCTTTGCTTTTAGTTTCTCCATTCTGTTGCCATC
Brb_F	TTGCTTGTAGAGTTTAGAGAGTAGACTCTTTGCTTTTAGTTTCTCCATTCTGTTGCCATC
Brb_R	TTGCTTGTAGAGTTTAGAGAGTAGACTCTTTGCTTTTAGTTTCTCCATTCTGTTGCCATC *****
Pallas_F	TGACCACAGGCTTAAAAATAAATGAGCAGGGAATTCTTGTTGTTGGTATGAACTCTAAAC
Pallas_R	TGACCACAGGCTTAAAAATAAATGAGCAGGGAATTCTTGTTGTTGGTATGAACTCTAAAC
Brb_F	TGACCACAGGCTTAAAAATAAATGAGCAGGGAATTCTTGTTGTTGGTATGAACTCTAAAC
Brb_R	TGACCACAGGCTTAAAAATAAATGAGCAGGGAATTCTTGTTGTTGGTATGAACTCTAAAC *****
Pallas_F	ATGTGAGTGTCCAGCATCATGACTCTTGATACTTGCCCTATATTTTATTTTCCTAAATCT
Pallas_R	ATGTGAGTGTCCAGCATCATGACTCTTGATACTTGCCCTATATTTTATTTTCCTAAATCT
Brb_F	ATGTGAGTGTCCAGCATCATGACTCTTGATACTTGCCCTATATTTTATTTTCCTAAATCT
Brb_R	ATGTGAGTGTCCAGCATCATGACTCTTGATACTTGCCCTATATTTTATTTTCCTAAATCT *****
Pallas_F	AACAGTATGTTTTGTATAATGTGCATAAGATTTGTAAGGACGAGAAC TTGTTACATTTT
Pallas_R	AACAGTATGTTTTGTATAATGTGCATAAGATTTGTAAGGACGAGAAC TTGTTACATTTT
Brb_F	AACAGTATGTTTTGTATAATGTGCATAAGATTTGTAAGGACGAGAAC TTGTTACATTTT
Brb_R	AACAGTATGTTTTGTATAATGTGCATAAGATTTGTAAGGACGAGAAC TTGTTACATTTT *****
Pallas_F	TTCCCTTCTGGAAAGAATCTGATTGGAGTGCAGCTGTGCATATTTAATTATTTATAGCAT
Pallas_R	TTCCCTTCTGGAAAGAATCTGATTGGAGTGCAGCTGTGCATATTTAATTATTTATAGCAT
Brb_F	TTCCCTTCTGGAAAGAATCTGATTGGAGTGCAGCTGTGCATATTTAATTATTTATAGCAT
Brb_R	TTCCCTTCTGGAAAGAATCTGATTGGAGTGCAGCTGTGCATATTTAATTATTTATAGCAT *****
Pallas_F	ATATTCAGTAAAACACAAGGTATCTGAGTAGACTAATGGTTCATTAATCCTTGGTAGGAT
Pallas_R	ATATTCAGTAAAACACAAGGTATCTGAGTAGACTAATGGTTCATTAATCCTTGGTAGGAT
Brb_F	ATATTCAGTAAAACACAAGGTATCTGAGTAGACTAATGGTTCATTAATCCTTGGTAGGAT
Brb_R	ATATTCAGTAAAACACAAGGTATCTGAGTAGACTAATGGTTCATTAATCCTTGGTAGGAT *****
Pallas_F	GCTACATGGATGAATCTAATCCTGTAAC TCATTGGATAAGTTAATAAGATGGTGTGGCTG
Pallas_R	GCTACATGGATGAATCTAATCCTGTAAC TCATTGGATAAGTTAATAAGATGGTGTGGCTG
Brb_F	GCTACATGGATGAATCTAATCCTGTAAC TCATTGGATAAGTTAATAAGATGGTGTGGCTG
Brb_R	GCTACATGGATGAATCTAATCCTGTAAC TCATTGGATAAGTTAATAAGATGGTGTGGCTG *****
Pallas_F	CTGTGTCCTGTGGAGTACTATGTTCTATGTTGCTTTCTGGATTTTCTTACCGCTCAAAC T
Pallas_R	CTGTGTCCTGTGGAGTACTATGTTCTATGTTGCTTTCTGGATTTTCTTACCGCTCAAAC T
Brb_F	CTGTGTCCTGTGGAGTACTATGTTCTATGTTGCTTTCTGGATTTTCTTACCGCTCAAAC T
Brb_R	CTGTGTCCTGTGGAGTACTATGTTCTATGTTGCTTTCTGGATTTTCTTACCGCTCAAAC T *****
Pallas_F	TTGCAATCCTTTTACCCTGCTACCAAGTTTGCCTTATCCATAA CTGGACTGTGTTTTGAT
Pallas_R	TTGCAATCCTTTTACCCTGCTACCAAGTTTGCCTTATCCATAA CTGGACTGTGTTTTGAT
Brb_F	TTGCAATCCTTTTACCCTGCTACCAAGTTTGCCTTATCCATAA CTGGACTGTGTTTTGAT
Brb_R	TTGCAATCCTTTTACCCTGCTACCAAGTTTGCCTTATCCATAA CTGGACTGTGTTTTGAT *****

Pallas_F	GTTCTTGTGTGTGTATCCATGTGAGAACATTCGTGCTTTTTTCATAACTTGTGAAGCTGCT
Pallas_R	GTTCTTGTGTGTGTATCCATGTGAGAACATTCGTGCTTTTTTCATAACTTGTGAAGCTGCT
Brb_F	GTTCTTGTGTGTGTATCCATGTGAGAACATTCGTGCTTTTTTCATAACTTGTGAAGCTGCT
Brb_R	GTTCTTGTGTGTGTATCCATGTGAGAACATTCGTGCTTTTTTCATAACTTGTGAAGCTGCT

Pallas_F	ACTATTCAAATTTTGCATTATGCAGTAATGGTGAAGCTCTGTTTGCTGTAAAGTTACCAA
Pallas_R	ACTATTCAAATTTTGCATTATGCAGTAATGGTGAAGCTCTGTTTGCTGTAAAGTTACCAA
Brb_F	ACTATTCAAATTTTGCATTATGCAGTAATGGTGAAGCTCTGTTTGCTGTAAAGTTACCAA
Brb_R	ACTATTCAAATTTTGCATTATGCAGTAATGGTGAAGCTCTGTTTGCTGTAAAGTTACCAA

Pallas_F	TCCTATTTCTAAGGGATCAGAAACCATTTTTCTGTGCGCATATATGGGACAATTCACCTTA
Pallas_R	TCCTATTTCTAAGGGATCAGAAACCATTTTTCTGTGCGCATATATGGGACAATTCACCTTA
Brb_F	TCCTATTTCTAAGGGATCAGAAACCATTTTTCTGTGCGCATATATGGGACAATTCACCTTA
Brb_R	TCCTATTTCTAAGGGATCAGAAACCATTTTTCTGTGCGCATATATGGGACAATTCACCTTA

Pallas_F	TCTGGGTCATAGAAATGGATGGGAGCAATCGATTTTAGCTTGAAACGATTCTGTGAAAAA
Pallas_R	TCTGGGTCATAGAAATGGATGGGAGCAATCGATTTTAGCTTGAAACGATTCTGTGAAAAA
Brb_F	TCTGGGTCATAGAAATGGATGGGAGCAATCGATTTTAGCTTGAAACGATTCTGTGAAAAA
Brb_R	TCTGGGTCATAGAAATGGATGGGAGCAATCGATTTTAGCTTGAAACGATTCTGTGAAAAA

Pallas_F	TAACCGAGATATTTTCTTTCCAAGGGAGTATGGGACTTTAATTGGGGCATACTAACAATT
Pallas_R	TAACCGAGATATTTTCTTTCCAAGGGAGTATGGGACTTTAATTGGGGCATACTAACAATT
Brb_F	TAACCGAGATATTTTCTTTCCAAGGGAGTATGGGACTTTAATTGGGGCATACTAACAATT
Brb_R	TAACCGAGATATTTTCTTTCCAAGGGAGTATGGGACTTTAATTGGGGCATACTAACAATT

Pallas_F	CATCCAAGACCTAAAGTAATGTTAGTTCATTCTTTAGTACACTGTGATGATTTTGTTGTA
Pallas_R	CATCCAAGACCTAAAGTAATGTTAGTTCATTCTTTAGTACACTGTGATGATTTTGTTGTA
Brb_F	CATCCAAGACCTAAAGTAATGTTAGTTCATTCTTTAGTACACTGTGATGATTTTGTTGTA
Brb_R	CATCCAAGACCTAAAGTAATGTTAGTTCATTCTTTAGTACACTGTGATGATTTTGTTGTA

Pallas_F	TCTGTATGTCCAGTGCAACTGGCAATGGCTAATCCAACCTAACCTGCCACTGTTCCAAC
Pallas_R	TCTGTATGTCCAGTGCAACTGGCAATGGCTAATCCAACCTAACCTGCCACTGTTCCAAC
Brb_F	TCTGTATGTCCAGTGCAACTGGCAATGGCTAATCCAACCTAACCTGCCACTGTTCCAAC
Brb_R	TCTGTATGTCCAGTGCAACTGGCAATGGCTAATCCAACCTAACCTGCCACTGTTCCAAC

Pallas_F	TCTAACCTGCCACTGTACTTGTGTAAGCTGACAGAGCTTTTGCCCTATTGTGTATATTCT
Pallas_R	TCTAACCTGCCACTGTACTTGTGTAAGCTGACAGAGCTTTTGCCCTATTGTGTATATTCT
Brb_F	TCTAACCTGCCACTGTACTTGTGTAAGCTGACAGAGCTTTTGCCCTATTGTGTATATTCT
Brb_R	TCTAACCTGCCACTGTACTTGTGTAAGCTGACAGAGCTTTTGCCCTATTGTGTATATTCT

Pallas_F	TCACAAATCTAAATGTAGCAGCAAGGTATTTGAATTATAATTGCTATTATTTGAGCATCT
Pallas_R	TCACAAATCTAAATGTAGCAGCAAGGTATTTGAATTATAATTGCTATTATTTGAGCATCT
Brb_F	TCACAAATCTAAATGTAGCAGCAAGGTATTTGAATTATAATTGCTATTATTTGAGCATCT
Brb_R	TCACAAATCTAAATGTAGCAGCAAGGTATTTGAATTATAATTGCTATTATTTGAGCATCT

Pallas_F	TTCATATGCTGCATGGAGACCGATTCTGATTAACATTTACGTATAGGCAGTTTCAGGATG
Pallas_R	TTCATATGCTGCATGGAGACCGATTCTGATTAACATTTACGTATAGGCAGTTTCAGGATG
Brb_F	TTCATATGCTGCATGGAGACCGATTCTGATTAACATTTACGTATAGGCAGTTTCAGGATG
Brb_R	TTCATATGCTGCATGGAGACCGATTCTGATTAACATTTACGTATAGGCAGTTTCAGGATG

Pallas_F	GGTACTGAAGACACTAAAGATATGCTGAAGAATGCGGACTGGAAGACAGTGAGTGGTCCC
Pallas_R	GGTACTGAAGACACTAAAGATATGCTGAAGAATGCGGACTGGAAGACAGTGAGTGGTCCC
Brb_F	GGTACTGAAGACACTAAAGATATGCTGAAGAATGCGGACTGGAAGACAGTGAGTGGTCCC
Brb_R	GGTACTGAAGACACTAAAGATATGCTGAAGAATGCGGACTGGAAGACAGTGAGTGGTCCC

Pallas_F	GTTATTACCGAGTCAAGCCAGCCGGTTGTCAAGAAGCGTCTTCCGAAGAAAATCAGACAA
Pallas_R	GTTATTACCGAGTCAAGCCAGCCGGTTGTCAAGAAGCGTCTTCCGAAGAAAATCAGACAA
Brb_F	GTTATTACCGAGTCAAGCCAGCCGGTTGTCAAGAAGCGTCTTCCGAAGAAAATCAGACAA
Brb_R	GTTATTACCGAGTCAAGCCAGCCGGTTGTCAAGAAGCGTCTTCCGAAGAAAATCAGACAA

Brb_R	GTTATTACCGAGTCAAGCCAGCCGGTTGTCAAGAAGCGTCTTCCGAAGAAAATCAGACAA *****
Pallas_F	GTCCCTGAGTGTTACTTTCTGCCTCGACGATCTTTGCCGTCTGCATTGGCAATCTACGGT
Pallas_R	GTCCCTGAGTGTTACTTTCTGCCTCGACGATCTTTGCCGTCTGCATTGGCAATCTACGGT
Brb_F	GTCCCTGAGTGTTACTTTCTGCCTCGACGATCTTTGCCGTCTGCATTGGCAATCTACGGT
Brb_R	GTCCCTGAGTGTTACTTTCTGCCTCGACGATCTTTGCCGTCTGCATTGGCAATCTACGGT *****
Pallas_F	GCTGTTTGTGCTGCTGGAGTTGGTACAGGGATGTTGCTTGAGGTTTGGATAAACAAAAAG
Pallas_R	GCTGTTTGTGCTGCTGGAGTTGGTACAGGGATGTTGCTTGAGGTTTGGATAAACAAAAAG
Brb_F	GCTGTTTGTGCTGCTGGAGTTGGTACAGGGATGTTGCTTGAGGTTTGGATAAACAAAAAG
Brb_R	GCTGTTTGTGCTGCTGGAGTTGGTACAGGGATGTTGCTTGAGGTTTGGATAAACAAAAAG *****
Pallas_F	ATCAAAGGTATGATCCTGCATTTTCATGGCCGAACCCTCTGGATGAACCACTTATCATAAG
Pallas_R	ATCAAAGGTATGATCCTGCATTTTCATGGCCGAACCCTCTGGATGAACCACTTATCATAAG
Brb_F	ATCAAAGGTATGATCCTGCATTTTCATGGCCGAACCCTCTGGATGAACCACTTATCATAAG
Brb_R	ATCAAAGGTATGATCCTGCATTTTCATGGCCGAACCCTCTGGATGAACCACTTATCATAAG *****
Pallas_F	AAAACCTACCCGACCTGGAAATTTGTGATCTCGTACTGTACCATGGAAATTGTTGCATATC
Pallas_R	AAAACCTACCCGACCTGGAAATTTGTGATCTCGTACTGTACCATGGAAATTGTTGCATATC
Brb_F	AAAACCTACCCGACCTGGAAATTTGTGATCTCGTACTGTACCATGGAAATTGTTGCATATC
Brb_R	AAAACCTACCCGACCTGGAAATTTGTGATCTCGTACTGTACCATGGAAATTGTTGCATATC *****
Pallas_F	TTTTTCATCCTCATCGATTGTGTTTTCCACACCCTCTTACTTTTTGTCGATTGCTGCAT
Pallas_R	TTTTTCATCCTCATCGATTGTGTTTTCCACACCCTCTTACTTTTTGTCGATTGCTGCAT
Brb_F	TTTTTCATCCTCATCGATTGTGTTTTCCACACCCTCTTACTTTTTGTCGATTGCTGCAT
Brb_R	TTTTTCATCCTCATCGATTGTGTTTTCCACACCCTCTTACTTTTTGTCGATTGCTGCAT *****
Pallas_F	GCAGAGGATGGCGGCGTTGTCTGGGAGATGGGCAAATGATGTTGATGCACCTTTGAGTTGG
Pallas_R	GCAGAGGATGGCGGCGTTGTCTGGGAGATGGGCAAATGATGTTGATGCACCTTTGAGTTGG
Brb_F	GCAGAGGATGGCGGCGTTGTCTGGGAGATGGGCAAATGATGTTGATGCACCTTTGAGTTGG
Brb_R	GCAGAGGATGGCGGCGTTGTCTGGGAGATGGGCAAATGATGTTGATGCACCTTTGAGTTGG *****
Pallas_F	TAACAATCTGGTTTGGCAGACTCACTTGGCTTGACAGACTCACTTGGCTTCACTTATGCTG
Pallas_R	TAACAATCTGGTTTGGCAGACTCACTTGGCTTGACAGACTCACTTGGCTTCACTTATGCTG
Brb_F	TAACAATCTGGTTTGGCAGACTCACTTGGCTTGACAGACTCACTTGGCTTCACTTATGCTG
Brb_R	TAACAATCTGGTTTGGCAGACTCACTTGGCTTGACAGACTCACTTGGCTTCACTTATGCTG *****
Pallas_F	CTTAAGCTGTATCACGAAATAAGCGGAGATTTGTTGTTTCAGACTATCTGTTGAGACTG
Pallas_R	CTTAAGCTGTATCACGAAATAAGCGGAGATTTGTTGTTTCAGACTATCTGTTGAGACTG
Brb_F	CTTAAGCTGTATCACGAAATAAGCGGAGATTTGTTGTTTCAGACTATCTGTTGAGACTG
Brb_R	CTTAAGCTGTATCACGAAATAAGCGGAGATTTGTTGTTTCAGACTATCTGTTGAGACTG *****
Pallas_F	ACAAACGCAGACAATGTTTTCCGGTGTAATTGACACAACCTTGTCCCTGTGTTTCTAGTT
Pallas_R	ACAAACGCAGACAATGTTTTCCGGTGTAATTGACACAACCTTGTCCCTGTGTTTCTAGTT
Brb_F	ACAAACGCAGACAATGTTTTCCGGTGTAATTGACACAACCTTGTCCCTGTGTTTCTAGTT
Brb_R	ACAAACGCAGACAATGTTTTCCGGTGTAATTGACACAACCTTGTCCCTGTGTTTCTAGTT *****
Pallas_F	TGGTTGTGCAAGCTGTGTGATGGTTCAAACCTTATATTCGGCAAGCAAGCTGAAAACACC
Pallas_R	TGGTTGTGCAAGCTGTGTGATGGTTCAAACCTTATATTCGGCAAGCAAGCTGAAAACACC
Brb_F	TGGTTGTGCAAGCTGTGTGATGGTTCAAACCTTATATTCGGCAAGCAAGCTGAAAACACC
Brb_R	TGGTTGTGCAAGCTGTGTGATGGTTCAAACCTTATATTCGGCAAGCAAGCTGAAAACACC *****
Pallas_F	AGTCATCAACGCATCTGTAGCTGTCATTTGTAGGCATCATTAGTACTGCACAGGTAAGAA
Pallas_R	AGTCATCAACGCATCTGTAGCTGTCATTTGTAGGCATCATTAGTACTGCACAGGTAAGAA
Brb_F	AGTCATCAACGCATCTGTAGCTGTCATTTGTAGGCATCATTAGTACTGCACAGGTAAGAA
Brb_R	AGTCATCAACGCATCTGTAGCTGTCATTTGTAGGCATCATTAGTACTGCACAGGTAAGAA *****

Pallas_F	CAATCTGAAACTTTGTCTGCAGGTAGTTGCACGTCGTGATCAAAATAGTGTACCATGATT
Pallas_R	CAATCTGAAACTTTGTCTGCAGGTAGTTGCACGTCGTGATCAAAATAGTGTACCATGATT
Brb_F	CAATCTGAAACTTTGTCTGCAGGTAGTTGCACGTCGTGATCAAAATAGTGTACCATGATT
Brb_R	CAATCTGAAACTTTGTCTGCAGGTAGTTGCACGTCGTGATCAAAATAGTGTACCATGATT

Pallas_F	GATCTATTTTGTGTTTATTATACCATGAAGTCTGCAGAAATCGTTACCATGATTAAT
Pallas_R	GATCTATTTTGTGTTTATTATACCATGAAGTCTGCAGAAATCGTTACCATGATTAAT
Brb_F	GATCTATTTTGTGTTTATTATACCATGAAGTCTGCAGAAATCGTTACCATGATTAAT
Brb_R	GATCTATTTTGTGTTTATTATACCATGAAGTCTGCAGAAATCGTTACCATGATTAAT

Pallas_F	CTATTTTGTGTTTATTATACCATGAAGTCTGGCAGAAATCGTCGTGCCCTCTGTATA
Pallas_R	CTATTTTGTGTTTATTATACCATGAAGTCTGGCAGAAATCGTCGTGCCCTCTGTATA
Brb_F	CTATTTTGTGTTTATTATACCATGAAGTCTGGCAGAAATCGTCGTGCCCTCTGTATA
Brb_R	CTATTTTGTGTTTATTATACCATGAAGTCTGGCAGAAATCGTCGTGCCCTCTGTATA

Pallas_F	ATATTGGCAGCAGAAGTTGTTTGGTGATCAATAAATGCAAAAATAATAAATATCGGAAAA
Pallas_R	ATATTGGCAGCAGAAGTTGTTTGGTGATCAATAAATGCAAAAATAATAAATATCGGAAAA
Brb_F	ATATTGGCAGCAGAAGTTGTTTGGTGATCAATAAATGCAAAAATAATAAATATCGGAAAA
Brb_R	ATATTGGCAGCAGAAGTTGTTTGGTGATCAATAAATGCAAAAATAATAAATATCGGAAAA

Pallas_F	ATGTTTGAAGTAGTGCTATGCCATATACAGTTGGTTGGCCTCTGCTGTACTGGAGACAGA
Pallas_R	ATGTTTGAAGTAGTGCTATGCCATATACAGTTGGTTGGCCTCTGCTGTACTGGAGACAGA
Brb_F	ATGTTTGAAGTAGTGCTATGCCATATACAGTTGGTTGGCCTCTGCTGTACTGGAGACAGA
Brb_R	ATGTTTGAAGTAGTGCTATGCCATATACAGTTGGTTGGCCTCTGCTGTACTGGAGACAGA

Pallas_F	TATGATAGAAATTTGCATGCCCAAGAAGACAGATGCTTACCATATGCCTCATTTGTCTCC
Pallas_R	TATGATAGAAATTTGCATGCCCAAGAAGACAGATGCTTACCATATGCCTCATTTGTCTCC
Brb_F	TATGATAGAAATTTGCATGCCCAAGAAGACAGATGCTTACCATATGCCTCATTTGTCTCC
Brb_R	TATGATAGAAATTTGCATGCCCAAGAAGACAGATGCTTACCATATGCCTCATTTGTCTCC

Pallas_F	TTCATCTGCTGTGTTGGCACTTCCATCTCCCCATTATGCAAATGCAACCTTTCTGGCAAA
Pallas_R	TTCATCTGCTGTGTTGGCACTTCCATCTCCCCATTATGCAAATGCAACCTTTCTGGCAAA
Brb_F	TTCATCTGCTGTGTTGGCACTTCCATCTCCCCATTATGCAAATGCAACCTTTCTGGCAAA
Brb_R	TTCATCTGCTGTGTTGGCACTTCCATCTCCCCATTATGCAAATGCAACCTTTCTGGCAAA

Pallas_F	CGGAGCGTCTGAATTCATTATCATCGCTTGGAAAGCATTTCGAGAACTTGTGACCAGTTT
Pallas_R	CGGAGCGTCTGAATTCATTATCATCGCTTGGAAAGCATTTCGAGAACTTGTGACCAGTTT
Brb_F	CGGAGCGTCTGAATTCATTATCATCGCTTGGAAAGCATTTCGAGAACTTGTGACCAGTTT
Brb_R	CGGAGCGTCTGAATTCATTATCATCGCTTGGAAAGCATTTCGAGAACTTGTGACCAGTTT

Pallas_F	GTTTCATTATATTATTTGTTTCCCGACTTCATTTCTCTGAAGCGCCTGATTTATTTCTG
Pallas_R	GTTTCATTATATTATTTGTTTCCCGACTTCATTTCTCTGAAGCGCCTGATTTATTTCTG
Brb_F	GTTTCATTATATTATTTGTTTCCCGACTTCATTTCTCTGAAGCGCCTGATTTATTTCTG
Brb_R	GTTTCATTATATTATTTGTTTCCCGACTTCATTTCTCTGAAGCGCCTGATTTATTTCTG

Pallas_F	CTGAATGATGATGCGCCCGTATCTTTTCTCAGACAAAGTCAAAGTCTGGCCTTTCTCTA
Pallas_R	CTGAATGATGATGCGCCCGTATCTTTTCTCAGACAAAGTCAAAGTCTGGCCTTTCTCTA
Brb_F	CTGAATGATGATGCGCCCGTATCTTTTCTCAGACAAAGTCAAAGTCTGGCCTTTCTCTA
Brb_R	CTGAATGATGATGCGCCCGTATCTTTTCTCAGACAAAGTCAAAGTCTGGCCTTTCTCTA

Pallas_F	TGCCATGGGCGCACTTGCAAAAGAATAGAGATCCAGCGTCCTAGCCTTTCTCATCCAAGA
Pallas_R	TGCCATGGGCGCACTTGCAAAAGAATAGAGATCCAGCGTCCTAGCCTTTCTCATCCAAGA
Brb_F	TGCCATGGGCGCACTTGCAAAAGAATAGAGATCCAGCGTCCTAGCCTTTCTCATCCAAGA
Brb_R	TGCCATGGGCGCACTTGCAAAAGAATAGAGATCCAGCGTCCTAGCCTTTCTCATCCAAGA

Pallas_F	AGGGACACCACATTT
Pallas_R	AGGGACACCACATTT
Brb_F	AGGGACACCACATTT
Brb_R	AGGGACACCACATTT

Brb_R

AGGGACACCACATT
