

Supplementary Data 2 - Protein accession numbers, oligonucleotide primers, DNA and amino-acid sequences of^NCXCL-SA^C fusion proteins

CXCL protein (residues / accession No.)	Construct for expression	Fusion protein
hCXCL1/GRO α (35–107 / P09341)	gWiz-LS-hCXCL1 ³⁵⁻¹⁰⁷ -(Gly ₄ Ser) ₂ -mouse SA-(Gly ₄ Ser)-His ₆	^N hCXCL1-SA ^C
hCXCL2/GRO β (35–107 / P19875)	gWiz-LS-hCXCL2 ³⁵⁻¹⁰⁷ -(Gly ₄ Ser) ₂ -mouse SA-(Gly ₄ Ser)-His ₆	^N hCXCL2-SA ^C
hCXCL3/GRO γ (35–107 / P19876)	gWiz-LS-hCXCL3 ³⁵⁻¹⁰⁷ -(Gly ₄ Ser) ₂ -mouse SA-(Gly ₄ Ser)-His ₆	^N hCXCL3-SA ^C
hCXCL4/PF4 (32–101 / P02776)	gWiz-LS-hCXCL4 ³²⁻¹⁰¹ -(Gly ₄ Ser) ₂ -mouse SA-(Gly ₄ Ser)-His ₆	^N hCXCL4-SA ^C
hCXCL5/ENA-78 (44–114 / P42830)	gWiz-LS-hCXCL5 ⁴⁴⁻¹¹⁴ -(Gly ₄ Ser) ₂ -mouse SA-(Gly ₄ Ser)-His ₆	^N hCXCL5-SA ^C
hCXCL6/GCP-2 (43–114 / P80162)	gWiz-LS-hCXCL6 ⁴³⁻¹¹⁴ -(Gly ₄ Ser) ₂ -mouse SA-(Gly ₄ Ser)-His ₆	^N hCXCL6-SA ^C
hCXCL7/NAP-2 (59–121 / P02775)	gWiz-LS-hCXCL7 ⁵⁹⁻¹²¹ -(Gly ₄ Ser) ₂ -mouse SA-(Gly ₄ Ser)-His ₆	^N hCXCL7-SA ^C
hCXCL8/IL-8 (28–99 / P10145)	gWiz-LS-hCXCL8 ²⁸⁻⁹⁹ -(Gly ₄ Ser) ₂ -mouse SA-(Gly ₄ Ser)-His ₆	^N hCXCL8-SA ^C
hCXCL9/MIG (23–125 / Q07325)	gWiz-LS-hCXCL9 ²³⁻¹²⁵ -(Gly ₄ Ser) ₂ -mouse SA-(Gly ₄ Ser)-His ₆	^N hCXCL9-SA ^C
hCXCL10/IP-10 (22–98 / P02778)	gWiz-LS-hCXCL10 ²²⁻⁹⁸ -(Gly ₄ Ser) ₂ -mouse SA-(Gly ₄ Ser)-His ₆	^N hCXCL10-SA ^C
hCXCL11/I-TAC (22–94 / O14625)	gWiz-LS-hCXCL11 ²²⁻⁹⁴ -(Gly ₄ Ser) ₂ -mouse SA-(Gly ₄ Ser)-His ₆	^N hCXCL11-SA ^C
mCXCL1/KC (25–96 / P12850)	gWiz-LS-mCXCL1 ²⁵⁻⁹⁶ -(Gly ₄ Ser) ₂ -mouse SA-(Gly ₄ Ser)-His ₆	^N mCXCL1-SA ^C
mCXCL2/MIP-2 (28–100 / P10889)	gWiz-LS-mCXCL2 ²⁸⁻¹⁰⁰ -(Gly ₄ Ser) ₂ -mouse SA-(Gly ₄ Ser)-His ₆	^N mCXCL2-SA ^C
mCXCL3/DCIP-1 (28–100 / Q6W5C0)	gWiz-LS-mCXCL3 ²⁸⁻¹⁰⁰ -(Gly ₄ Ser) ₂ -mouse SA-(Gly ₄ Ser)-His ₆	^N mCXCL3-SA ^C

mCXCL4/PF4 (30–105 / Q9Z126)	gWiz-LS-mCXCL4 ³⁰⁻¹⁰⁵ -(Gly ₄ Ser) ₂ -mouse SA-(Gly ₄ Ser)-His ₆	^N mCXCL4-SA ^C
mCXCL5/LIX (48–118 / P50228)	gWiz-LS-mCXCL5 ⁴⁸⁻¹¹⁸ -(Gly ₄ Ser) ₂ -mouse SA-(Gly ₄ Ser)-His ₆	^N mCXCL5-SA ^C
mCXCL7/NAP-2 (48–113 / Q9EQI5)	gWiz-LS-mCXCL7 ⁴⁸⁻¹¹³ -(Gly ₄ Ser) ₂ -mouse SA-(Gly ₄ Ser)-His ₆	^N mCXCL7-SA ^C
mCXCL9/MIG (22–126 / P18340)	gWiz-LS-mCXCL9 ²²⁻¹²⁶ -(Gly ₄ Ser) ₂ -mouse SA-(Gly ₄ Ser)-His ₆	^N mCXCL9-SA ^C
mCXCL10/IP-10 (22–98 / P17515)	gWiz-LS-mCXCL10 ²²⁻⁹⁸ -(Gly ₄ Ser) ₂ -mouse SA-(Gly ₄ Ser)-His ₆	^N mCXCL10-SA ^C
ImCXCL11/I-TAC (22–100 / Q9JHH5)	gWiz-LS-mCXCL11 ²²⁻¹⁰⁰ -(Gly ₄ Ser) ₂ -mouse SA-(Gly ₄ Ser)-His ₆	^N mCXCL11-SA ^C

Primer name	Primer sequence (5' to 3')
Forward-linker-SA-linker-His ₆ -gWiz	5' –GGTGGAGGCGGTAGCGGAGG–3'
Reverse-LS-gWiz	5' –ACATCGTGACCTGGGAGC–3'
Forward-hCXCL1-SA	5' –CCAGGTGCACGATGTGCCTCTGTGCGCCACCGAGCTGAGATGCC–3'
Reverse-hCXCL1-SA	5' –GCTACCGCCTCCACCGTTGCTCTTGTCGCTGTTCAGC–3'
Forward-hCXCL2-SA	5' –CCAGGTGCACGATGTGCTCCTCTGGCCACAGAGC–3'
Reverse-hCXCL2-SA	5' –GCTACCGCCTCCACCGTTGCTCTTGCCGTTCTTCAGC–3'
Forward-hCXCL3-SA	5' –CCAGGTGCACGATGTGCCTCTGTGCTGACCGAGC–3'
Reverse-hCXCL3-SA	5' –GCTACCGCCTCCACCGTTGGTGCTGCCCTTGTTTCAGG–3'
Forward-hCXCL4-SA	5' –CCAGGTGCACGATGTGAGGCTGAAGAGGACGGCG–3'
Reverse-hCXCL4-SA	5' –GCTACCGCCTCCACCGCTTTCCAGCAGCTTCTTG–3'

Forward-hCXCL5-SA	5' -CCAGGTGCACGATGTCTGCGCGAGCTGAGATGCG-3'
Reverse-hCXCL5-SA	5' -GCTACCGCCTCCACCGTTCTCTTTGTTGCCGCCG-3'
Forward-hCXCL6-SA	5' -CCAGGTGCACGATGTGTGCTGACCGAGCTGCGG-3'
Reverse-hCXCL6-SA	5' -GCTACCGCCTCCACCGTTCTTCTTGTTGCCGCTGTCC-3'
Forward-hCXCL7-SA	5' -CCAGGTGCACGATGTGCCGAGCTGCGGTGCATGTGC-3'
Reverse-hCXCL7-SA	5' -GCTACCGCCTCCACCCAGCTTTTTCTGCACGATTTTC-3'
Forward-hCXCL8-SA	5' -CCAGGTGCACGATGTAGCGCCAAAGAACTGCGGTGCC-3'
Reverse-hCXCL8-SA	5' -GCTACCGCCTCCACCGCTGTTCTCGGCCCGCTTCAGG-3'
Forward-hCXCL9-SA	5' -CCAGGTGCACGATGTACCCCCGTCGTGCGGAAGG-3'
Reverse-hCXCL9-SA	5' -GCTACCGCCTCCACCTGTGGTTTTCTTCTGCCGGC-3'
Forward-hCXCL10-SA	5' -CCAGGTGCACGATGTGTGCCTCTGAGCAGAACCG-3'
Reverse-hCXCL10-SA	5' -GCTACCGCCTCCACCTGGGCTCCGCTTGCTCCGC-3'
Forward-hCXCL11-SA	5' -CCAGGTGCACGATGTTTCCCCATGTTCAAGCGGG-3'
Reverse-hCXCL11-SA	5' -GCTACCGCCTCCACCGAAGTTCTTCCGTTCCACC-3'
Forward-mCXCL1-SA	5' -CCAGGTGCACGATGTGCCCCATTGCCAACGAGCTGCGGTGCC-3'
Reverse-mCXCL1-SA	5' -GCTACCGCCTCCACCCTTGGGCACGCCCTTCAGC-3'
Forward-mCXCL2-SA	5' -CCAGGTGCACGATGTGCCGTCGTGGCCAGCGAGCTGCGG-3'
Reverse-mCXCL2-SA	5' -GCTACCGCCTCCACCGTTGGCCTTGCCCTTGTTTCAGG-3'

Forward-mCXCL3-SA	5' -CCAGGTGCACGATGTGCTGTGGTGGCCTCTGAGC-3'
Reverse-mCXCL3-SA	5' -GCTACCGCCTCCACCGCTGCTCTTGCCGGACTTCAGG-3'
Forward-mCXCL4-SA	5' -CCAGGTGCACGATGTGTGACATCTGCCGGCCCTGAGG-3'
Reverse-mCXCL4-SA	5' -GCTACCGCCTCCACCGCTTTCCAGGATCTTCTTAATC-3'
Forward-mCXCL5-SA	5' -CCAGGTGCACGATGTGCCACCGAGCTGAGATGCG-3'
Reverse-mCXCL5-SA	5' -GCTACCGCCTCCACCGGCTTTCTTCTTGTCGCTGC-3'
Forward-mCXCL7-SA	5' -CCAGGTGCACGATGTATCGAGCTGCGGTGCCGGTGC-3'
Reverse-mCXCL7-SA	5' -GCTACCGCCTCCACCGTAGCCTTCCAGAATCTTCATC-3'
Forward-mCXCL9-SA	5' -CCAGGTGCACGATGTACCCTCGTGATCCGGAACGC-3'
Reverse-mCXCL9-SA	5' -GCTACCGCCTCCACCTGTGGTCTTTCTGGATCTCC-3'
Forward-mCXCL10-SA	5' -CCAGGTGCACGATGTATCCCACTGGCCAGAACCG-3'
Reverse-mCXCL10-SA	5' -GCTACCGCCTCCACCTGGGGCCCTCTTGCTCCGC-3'
Forward-mCXCL11-SA	5' -CCAGGTGCACGATGTTTCCTGATGTTCAAGCAGGG-3'
Reverse-mCXCL11-SA	5' -GCTACCGCCTCCACCCATGTTCTGCCGCCGCAGG-3'

Sequences of genes coding for CXCL chemokines fused to the N-terminus of mouse serum albumin (^NCXCL-SA^C)

DNA sequences of genes are provided. Start and stop codons are shown in black bold. The sequences include the secretory leader peptide (LS, in grey underlined), an active form of CXCL (in blue bold), a decapeptide (Gly₄Ser)₂ flexible linker (in green bold), mouse serum albumin (SA, in grey), a pentapeptide (Gly₄Ser) flexible linker (in black italic and underlined) and the hexa-histidine tag (His₆, in red bold).

gWiz-LS-hCXCL³⁵⁻¹⁰⁷-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

ATGAGGGTCCCCGCTCAGCTCCTGGGGCTCCTGCTGCTCTGGCTCCCAGGTGCACGATGT**GCCTCTGTGCGCCACCGAGCTGAGATGCCAGTGCCTGCAGAC**
CCTGCAGGGCATCCACCCCAAGAACATCCAGAGCGTGAACGTGAAGTCCCCTGGCCCCCACTGCGCCAGACCGAAGTGATCGCCACCCTGAAGAACGGCC
GGAAGGCCTGCCTGAACCCCGCCAGCCCCATCGTGAAGAAAATCATCGAGAAGATGCTGAACAGCGACAAGAGCAACGGTGGAGGCGGTAGCGGAGGCGGA
GGGTCTGGAAGCACACAAGAGTGAGATCGCCCATCGGTATAATGATTTGGGAGAACAACATTTCAAAGGCCTAGTCCTGATTGCCTTTTCCCAGTATCTCCA
GAAATGCTCATACGATGAGCATGCCAAATTAGTGCAGGAAGTAACAGACTTTGCAAAGACGTGTGTTGCCGATGAGTCTGCCGCCAACTGTGACAAATCCC
TTCACACTCTTTTTGGAGATAAGTTGTGTGCCATTCCAAACCTCCGTGAAAACCTATGGTGAAGTGGCTGACTGCTGTACAAAACAAGAGCCCGAAAGAAAC
GAATGTTTCTGCAACACAAAGATGACAACCCCGAGCCTGCCACCATTGAAAGGCCAGAGGCTGAGGCCATGTGCACCTCCTTTAAGGAAAACCCCAACCAC
CTTTATGGGACACTATTTGCATGAAGTTGCCAGAAGACATCCTTATTTCTATGCCCCAGAACTTCTTTACTATGCTGAGCAGTACAATGAGATTCTGACCC
AGTGTTGTGTCAGAGGCTGACAAGGAAAGCTGCCTGACCCCGAAGCTTGATGGTGTGAAGGAGAAAGCATTGGTCTCATCTGTCCGTCAGAGAATGAAGTGC
TCCAGTATGCAGAAAGTTTGGAGAGAGAGCTTTTAAAGCATGGGCAGTAGCTCGTCTGAGCCAGACATTCCCCAATGCTGACTTTGCAGAAATCACCAAATT
GGCAACAGACCTGACCAAAGTCAACAAGGAGTGCTGCCATGGTGACCTGCTGGAATGCGCAGATGACAGGGCGGAACTTGCCAAGTACATGTGTGAAAACC
AGGCGACTATCTCCAGCAAACCTGCAGACTTGCTGCGATAAACCACTGTTGAAGAAAGCCCACTGTCTTAGTGAGGTGGAGCATGACACCATGCCTGCTGAT
CTGCCTGCCATTGCTGCTGATTTTGTGAGGACCAGGAAGTGTGCAAGAACTATGCTGAGGCCAAGGATGTCTTCTGCGGCACGTTCTTGTATGAATATTC
AAGAAGACACCCTGATTACTCTGTATCCCTGTTGCTGAGACTTGCTAAGAAATATGAAGCCACTCTGGAAAAGTGCTGCGCTGAAGCCAATCCTCCCGCAT
GCTACGGCACAGTGCTTGCTGAATTTACGCCCTCTTGTAGAAGAGCCTAAGAACTTGGTCAAAACCAACTGTGATCTTTACGAGAAGCTTGGAGAATATGGA
TTCCAAAATGCCATTCTAGTTCGCTACACCCAGAAAGCACCTCAGGTGTCAACCCCAACTCTCGTGGAGGCTGCAAGAAACCTAGGAAGAGTGGGCACCAA
GTGTTGTACACTTCTGAAGATCAGAGACTGCCTTGTGTGGAAGACTATCTGTCTGCAATCCTGAACCGTGTGTGTCTGCTGCATGAGAAGACCCAGTGA
GTGAGCATGTTACCAAGTGCTGTAGTGGATCCCTGGTGGAAAGGCGGCCATGCTTCTCTGCTCTGACAGTTGATGAAACATATGTCCCCAAAGAGTTTAAA
GCTGAGACCTTCACCTTCCACTCTGATATCTGCACACTTCCAGAGAAGGAGAAGCAGATTAAGAAACAAACGGCTCTTGCTGAGCTGGTGAAGCACAAGCC
CAAGGCTACAGCGGAGCAACTGAAGACTGTCATGGATGACTTTGCACAGTTCCTGGATACATGTTGCAAGGCTGCTGACAAGGACACCTGCTTCTCGACTG
AGGGTCCAAACCTTGTCACTAGATGCAAAGACGCCTTAGCCGGAGGGGGCGGTTCC**CACCATCACCACTCACTGATAA**

gWiz-LS-hCXCL2³⁵⁻¹⁰⁷-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

ATGAGGGTCCCCGCTCAGCTCCTGGGGCTCCTGCTGCTCTGGCTCCCAGGTGCACGATGT**GCTCCTCTGGCCACAGAGCTGAGATGCCAGTGCCTCCAGAC**
ACTCCAGGGCATCCACCTGAAGAACATCCAGAGCGTGAAAGTGAAGTCCCCTGGCCCCACTGCGCCAGACAGAAGTGATCGCCACCCTGAAGAATGGCC
AGAAGGCCTGCCTGAACCCCGCCAGCCCTATGGTCAAGAAAATCATCGAGAAGATGCTGAAGAACGGCAAGAGCAACGGTGGAGGCGGTAGCGGAGGCGGA
GGGTCTGGAAGCACACAAGAGTGAGATCGCCCATCGGTATAATGATTTGGGAGAACAAACATTTCAAAGGCCTAGTCCTGATTGCCTTTTCCCAGTATCTCCA
GAAATGCTCATACGATGAGCATGCCAAATTAGTGCAGGAAGTAACAGACTTTGCAAAGACGTGTGTTGCCGATGAGTCTGCCGCCAACTGTGACAAATCCC
TTCACACTCTTTTTGGAGATAAGTTGTGTGCCATTCCAAACCTCCGTGAAAACCTATGGTGAAGTGGCTGACTGCTGTACAAAACAAGAGCCCGAAAGAAAC
GAATGTTTTCCTGCAACACAAAGATGACAACCCCGAGCCTGCCACCATTTGAAAGGCCAGAGGCTGAGGCCATGTGCACCTCCTTTAAGGAAAACCCCAACCAC
CTTTATGGGACACTATTTGCATGAAGTTGCCAGAAGACATCCTTATTTCTATGCCCCAGAACTTCTTTACTATGCTGAGCAGTACAATGAGATTCTGACCC
AGTGTTGTGCAGAGGCTGACAAGGAAAGCTGCCTGACCCCGAAGCTTGATGGTGTGAAGGAGAAAGCATTGGTCTCATCTGTCCGTCAGAGAATGAAGTGC
TCCAGTATGCAGAAGTTTGGAGAGAGAGCTTTTAAAGCATGGGCAGTAGCTCGTCTGAGCCAGACATTCCCCAATGCTGACTTTGCAGAAATCACCAAATT
GGCAACAGACCTGACCAAAGTCAACAAGGAGTGCTGCCATGGTGACCTGCTGGAATGCGCAGATGACAGGGCGGAACTTGCCAAGTACATGTGTGAAAACC
AGGCGACTATCTCCAGCAAACCTGCAGACTTGCTGCGATAAAACCACTGTTGAAGAAAGCCCACTGTCTTAGTGAGGTGGAGCATGACACCATGCCTGCTGAT
CTGCCTGCCATTGCTGCTGATTTTGTGAGGACCAGGAAGTGTGCAAGAACTATGCTGAGGCCAAGGATGTCTTCCTGGGCACGTTCTTGTATGAATATTC
AAGAAGACACCCTGATTACTCTGTATCCCTGTTGCTGAGACTTGCTAAGAAATATGAAGCCACTCTGGAAAAGTGCTGCGCTGAAGCCAATCCTCCCGCAT
GCTACGGCACAGTGCTTGCTGAATTTACAGCCTCTTGTTAGAAAGAGCCTAAGAACTTGGTCAAAACCAACTGTGATCTTTACGAGAAGCTTGGAGAATATGGA
TTCCAAAATGCCATTCTAGTTGCTACACCCAGAAAGCACCTCAGGTGTCAACCCCAACTCTCGTGGAGGCTGCAAGAAACCTAGGAAGAGTGGGCACCAA
GTGTTGTACACTTCCTGAAGATCAGAGACTGCCTTGTGTGGAAGACTATCTGTCTGCAATCCTGAACCGTGTGTGTCTGCTGCATGAGAAGACCCAGTGA
GTGAGCATGTTACCAAGTGCTGTAGTGGATCCCTGGTGGAAAGGCGGCCATGCTTCTCTGCTCTGACAGTTGATGAAACATATGTCCCCAAAGAGTTTAAA
GCTGAGACCTTCACCTTCCACTCTGATATCTGCACACTTCCAGAGAAGGAGAAGCAGATTAAGAAACAAACGGCTCTTGCTGAGCTGGTGAAGCACAAAGCC
CAAGGCTACAGCGGAGCAACTGAAGACTGTCATGGATGACTTTGCACAGTTCCTGGATACATGTTGCAAGGCTGCTGACAAGGACACCTGCTTCTCGACTG
AGGGTCCAAACCTTGTCACTAGATGCAAAGACGCCTTAGCCGGAGGGGGCGGTTCC**CACCATCACCACTCACTGATAA**

gWiz-LS-hCXCL3³⁵⁻¹⁰⁷-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

ATGAGGGTCCCCGCTCAGCTCCTGGGGCTCCTGCTGCTCTGGCTCCCAGGTGCACGATGT**GCCTCTGTGCTGACCGAGCTGAGATGCCAGTGCCTCCAGAC**
ACTCCAGGGCATCCACCTGAAGAACATCCAGAGCGTGAACGTGCGGAGCCCTGGCCCTCATTGTGCCAGACAGAAGTGATCGCCACCCTGAAGAATGGCA
AGAAGGCCTGCCTGAACCCCGCCAGCCCTATGGTGCAGAAGATCATCGAGAAGATCCTGAACAAGGGCAGCACCAACGGTGGAGGCGGTAGCGGAGGCGGA
GGGTCTGGAAGCACACAAGAGTGAGATCGCCCATCGGTATAATGATTTGGGAGAACAAACATTTCAAAGGCCTAGTCCTGATTGCCTTTTCCCAGTATCTCCA
GAAATGCTCATACGATGAGCATGCCAAATTAGTGCAGGAAGTAACAGACTTTGCAAAGACGTGTGTTGCCGATGAGTCTGCCGCCAACTGTGACAAATCCC
TTCACACTCTTTTTGGAGATAAGTTGTGTGCCATTCCAAACCTCCGTGAAAACCTATGGTGAAGTGGCTGACTGCTGTACAAAACAAGAGCCCGAAAGAAAC
GAATGTTTTCCTGCAACACAAAGATGACAACCCCGAGCCTGCCACCATTTGAAAGGCCAGAGGCTGAGGCCATGTGCACCTCCTTTAAGGAAAACCCCAACCAC
CTTTATGGGACACTATTTGCATGAAGTTGCCAGAAGACATCCTTATTTCTATGCCCCAGAACTTCTTTACTATGCTGAGCAGTACAATGAGATTCTGACCC
AGTGTTGTGCAGAGGCTGACAAGGAAAGCTGCCTGACCCCGAAGCTTGATGGTGTGAAGGAGAAAGCATTGGTCTCATCTGTCCGTCAGAGAATGAAGTGC
TCCAGTATGCAGAAGTTTGGAGAGAGAGCTTTTAAAGCATGGGCAGTAGCTCGTCTGAGCCAGACATTCCCCAATGCTGACTTTGCAGAAATCACCAAATT

GGCAACAGACCTGACCAAAGTCAACAAGGAGTGCTGCCATGGTGACCTGCTGGAATGCGCAGATGACAGGGCGGAACTTGCCAAGTACATGTGTGAAAACC
AGGCGACTATCTCCAGCAAAGTGCAGACTTGCTGCGATAAACCCTGTTGAAGAAAGCCCACTGTCTTAGTGAGGTGGAGCATGACACCATGCCTGCTGAT
CTGCCTGCCATTGCTGCTGATTTTGTGAGGACCAGGAAGTGTGCAAGAACTATGCTGAGGCCAAGGATGTCTTCTGGGCACGTTCTTGTATGAATATTC
AAGAAGACACCCTGATTACTCTGTATCCCTGTTGCTGAGACTTGCTAAGAAATATGAAGCCACTCTGGAAAAGTGCTGCGCTGAAGCCAATCCTCCCGCAT
GCTACGGCACAGTGCTTGCTGAATTTTACGCTCTTGTAGAAAGAGCCTAAGAAGTGGTCAAAACCAACTGTGATCTTTACGAGAAGCTTGGAGAATATGGA
TTCCAAAATGCCATTCTAGTTGCTACACCCAGAAAGCACCTCAGGTGTCAACCCCAACTCTCGTGAGGCTGCAAGAAACCTAGGAAGAGTGGGCACCAA
GTGTTGTACACTTCTGAAGATCAGAGACTGCCTTGTGTGGAAGACTATCTGTCTGCAATCCTGAACCGTGTGTGTCTGCTGCATGAGAAGACCCAGTGA
GTGAGCATGTTACCAAGTGCTGTAGTGGATCCCTGGTGGAAAGGCGGCCATGCTTCTCTGCTCTGACAGTTGATGAAACATATGTCCCCAAAGAGTTTAAA
GCTGAGACCTTCACCTTCCACTCTGATATCTGCACACTTCCAGAGAAGGAGAAGCAGATTAAGAAACAAACGGCTCTTGCTGAGCTGGTGAAGCACAAGCC
CAAGGCTACAGCGGAGCAACTGAAGACTGTCATGGATGACTTTGCACAGTTCTGGATACATGTTGCAAGGCTGCTGACAAGGACACCTGCTTCTCGACTG
AGGGTCCAAACCTTGTCACTAGATGCAAAGACGCCTTAGCCGGAGGGGGCGGTTCC**CACCATCACCACCATCACTGATAA**

gWiz-LS-hCXCL4³²⁻¹⁰¹-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

ATGAGGGTCCCCGCTCAGCTCCTGGGGCTCCTGCTGCTCTGGCTCCAGGTGCACGATGT**GAGGCTGAAGAGGACGGCGATCTCCAGTGCCTGTGCGTGAA**
AACCACCAGCCAAGT**GCGGGCCAGACACATCACCAGCCTGGAAGTGATCAAGGCCGGACCCCACTGTCTACCGCCAGCTGATTGCCACCCTGAAGAACG**
GCCGGAAGATCTGCCTGGACCTCCAGGCCCCCTGTACAAGAAGATCATCAAGAAGCTGCTGGAAAGCGGTGGAGGCGGTAGCGGAGGCGGAGGGT**CG**GAA
GCACACAAGAGTGAGATCGCCCATCGGTATAATGATTTGGGAGAACAACATTTCAAAGGCCTAGTCCTGATTGCCTTTTCCAGTATCTCCAGAAATGCTC
ATACGATGAGCATGCCAAATTAGTGACAGGAAGTAACAGACTTTGCAAAGACGTGTGTTGCCGATGAGTCTGCCGCCAACTGTGACAAATCCCTTCACACTC
TTTTTGGAGATAAGTTGTGTGCCATTCCAAACCTCCGTGAAAACCTATGGTGAAGTGGCTGACTGCTGTACAAAACAAGAGCCCCGAAAGAAACGAATGTTTC
CTGCAACACAAAGATGACAACCCAGCCTGCCACCATTTGAAAGGCCAGAGGCTGAGGCCATGTGCACCTCCTTTAAGGAAAACCCAACCACCTTTATGGG
ACACTATTTGCATGAAGTTGCCAGAAGACATCCTTATTTCTATGCCCCAGAAGTCTTTTACTATGCTGAGCAGTACAATGAGATTCTGACCCAGTGTTGTG
CAGAGGCTGACAAGGAAAGCTGCCTGACCCCGAAGCTTGATGGTGTGAAGGAGAAAGCATTGGTCTCATCTGTCCGTGAGAGAATGAAGTGCTCCAGTATG
CAGAAGTTTGGAGAGAGAGCTTTTAAAGCATGGGCAGTAGCTCGTCTGAGCCAGACATTCCCCAATGCTGACTTTGCAGAAATCACCAAATTGGCAACAGA
CCTGACCAAAGTCAACAAGGAGTGCTGCCATGGTGACCTGCTGGAATGCGCAGATGACAGGGCGGAACTTGCCAAGTACATGTGTGAAAACCAGGCGACTA
TCTCCAGCAAAGTGCAGACTTGCTGCGATAAACCCTGTTGAAGAAAGCCCACTGTCTTAGTGAGGTGGAGCATGACACCATGCCTGCTGATCTGCCTGCC
ATTGCTGCTGATTTTGTGAGGACCAGGAAGTGTGCAAGAACTATGCTGAGGCCAAGGATGTCTTCTGGGCACGTTCTTGTATGAATATTCAAGAAGACA
CCCTGATTACTCTGTATCCCTGTTGCTGAGACTTGCTAAGAAATATGAAGCCACTCTGGAAAAGTGCTGCGCTGAAGCCAATCCTCCCGCATGCTACGGCA
CAGTGCTTGCTGAATTTACGCTCTTGTAGAAAGAGCCTAAGAAGTGGTCAAAACCAACTGTGATCTTTACGAGAAGCTTGGAGAATATGGATTCCAAAAT
GCCATTCTAGTTGCTACACCCAGAAAGCACCTCAGGTGTCAACCCCAACTCTCGTGAGGCTGCAAGAAACCTAGGAAGAGTGGGCACCAAGTGTGTAC
ACTTCCTGAAGATCAGAGACTGCCTTGTGTGGAAGACTATCTGTCTGCAATCCTGAACCGTGTGTGTCTGCTGCATGAGAAGACCCCAAGTGTGAGCATG
TTACCAAGTGCTGTAGTGGATCCCTGGTGGAAAGGCGGCCATGCTTCTCTGCTCTGACAGTTGATGAAACATATGTCCCCAAAGAGTTTAAAGCTGAGACC
TTCACCTTCCACTCTGATATCTGCACACTTCCAGAGAAGGAGAAGCAGATTAAGAAACAAACGGCTCTTGCTGAGCTGGTGAAGCACAAGCCCAAGGCTAC
AGCGGAGCAACTGAAGACTGTCATGGATGACTTTGCACAGTTCTGGATACATGTTGCAAGGCTGCTGACAAGGACACCTGCTTCTCGACTGAGGGTCCAA
ACCTTGTCACTAGATGCAAAGACGCCTTAGCCGGAGGGGGCGGTTCC**CACCATCACCACCATCACTGATAA**

gWiz-LS-hCXCL5⁴⁴⁻¹¹⁴-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

ATGAGGGTCCCCGCTCAGCTCCTGGGGCTCCTGCTGCTCTGGCTCCCAGGTGCACGATGT**CTGCGCGAGCTGAGATGCGTGTGCCTGCAGACCACCCAGGG**
CGTGCACCCCAAGATGATCAGCAACCTCCAGGTGTTTCGCCATCGGCCCCAGTGCAGCAAGGTGGAAGTGGTGGCCAGCCTGAAGAACGGCAAAGAGATCT
GCCTGGACCCCGAGGCCCATTCCTGAAGAAAGTGATCCAGAAGATCCTGGACGGCGGCAACAAAGAGAACGGTGGAGGCGGTAGCGGAGGCGGAGGGTCG
GAAGCACACAAGAGTGAGATCGCCCATCGGTATAATGATTTGGGAGAACAAACATTTCAAAGGCCTAGTCCTGATTGCCTTTTCCCAGTATCTCCAGAAATG
CTCATACGATGAGCATGCCAAATTAGTGCAGGAAGTAACAGACTTTGCAAAGACGTGTGTTGCCGATGAGTCTGCCGCCAACTGTGACAAATCCCTTCACA
CTCTTTTTTGGAGATAAGTTGTGTGCCATTCCAAACCTCCGTGAAAACCTATGGTGAACCTGGCTGACTGCTGTACAAAACAAGAGCCCGAAAGAAACGAATGT
TTCCTGCAACACAAAGATGACAACCCCAGCCTGCCACCATTTGAAAGGCCAGAGGCTGAGGCCATGTGCACCTCCTTTAAGGAAAACCCAACCACCTTTAT
GGGACACTATTTGCATGAAGTTGCCAGAAGACATCCTTATTTCTATGCCCCAGAACTTCTTTACTATGCTGAGCAGTACAATGAGATTCTGACCCAGTGTT
GTGCAGAGGCTGACAAGGAAAGCTGCCTGACCCGAAGCTTGATGGTGTGAAGGAGAAAGCATTGGTCTCATCTGTCCGTGAGAGAATGAAGTGCTCCAGT
ATGCAGAAGTTTGGAGAGAGAGCTTTTAAAGCATGGGCAGTAGCTCGTCTGAGCCAGACATTCCCCAATGCTGACTTTGCAGAAATCACCAAATTGGCAAC
AGACCTGACCAAAGTCAACAAGGAGTGCTGCCATGGTGACCTGCTGGAATGCGCAGATGACAGGGCGGAACCTTGCCAAGTACATGTGTGAAAACAGGCGA
CTATCTCCAGCAAACCTGCAGACTTGCTGCGATAAAACCACTGTTGAAGAAAGCCCACTGTCTTAGTGAGGTGGAGCATGACACCATGCCTGCTGATCTGCCT
GCCATTGCTGCTGATTTTGTGAGGACCAGGAAGTGTCAGAAGTATGCTGAGGCCAAGGATGTCTTCTGAGGACGTTCTTGTATGAATATTCAAGAAG
ACACCCTGATTACTCTGTATCCCTGTTGCTGAGACTTGCTAAGAAATATGAAGCCACTCTGGAAAAGTGCTGCGCTGAAGCCAATCCTCCCGCATGCTACG
GCACAGTGCTTGCTGAATTTAGCCTCTTGTTAGAAAGAGCCTAAGAACTTGGTCAAAACCAACTGTGATCTTTACGAGAAGCTTGGAGAATATGGATTCCAA
AATGCCATTCTAGTTCGCTACACCCAGAAAGCACCTCAGGTGTCAACCCCAACTCTCGTGGAGGCTGCAAGAAACCTAGGAAGAGTGGGCACCAAGTGTTG
TACACTTCCTGAAGATCAGAGACTGCCTTGTTGTGGAAGACTATCTGTCTGCAATCCTGAACCGTGTTGTCTGCTGCATGAGAAGACCCAGTGAGTGAGC
ATGTTACCAAGTGCTGTAGTGGATCCCTGGTGGAAAGGCGGCCATGCTTCTCTGCTCTGACAGTTGATGAAACATATGTCCCCAAAGAGTTTAAAGCTGAG
ACCTTCACCTTCCACTCTGATATCTGCACACTTCCAGAGAAGGAGAAGCAGATTAAGAAACAAACGGCTCTTGCTGAGCTGGTGAAGCACAAGCCCAAGGC
TACAGCGGAGCAACTGAAGACTGTCATGGATGACTTTGCACAGTTCCTGGATACATGTTGCAAGGCTGCTGACAAGGACACCTGCTTCTCGACTGAGGGTC
CAAACCTTGTCCTAGATGCAAAGACGCCTTAGCCGGAGGGGGCGGTTCC**CACCATCACCACTCACTGATAA**

gWiz-LS-hCXCL6⁴³⁻¹¹⁴-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

ATGAGGGTCCCCGCTCAGCTCCTGGGGCTCCTGCTGCTCTGGCTCCCAGGTGCACGATGT**GTGCTGACCGAGCTGCGGTGCACCTGTCTGAGAGTGACCCT**
GCGCGTGAACCCCAAGACCATCGGCAAGCTCCAGGTGTTCCCTGCCGGCCCTCAGTGCAGCAAGGTGGAAGTGGTGGCCAGCCTGAAAAACGGAAAACAAG
TGTGCCTGGACCCCGAGGCCCATTCCTGAAGAAAGTGATCCAGAAGATCCTGGACAGCGGCAACAAGAAGAACGGTGGAGGCGGTAGCGGAGGCGGAGGG
TCGGAAGCACACAAGAGTGAGATCGCCCATCGGTATAATGATTTGGGAGAACAAACATTTCAAAGGCCTAGTCCTGATTGCCTTTTCCCAGTATCTCCAGAA
ATGCTCATACGATGAGCATGCCAAATTAGTGCAGGAAGTAACAGACTTTGCAAAGACGTGTGTTGCCGATGAGTCTGCCGCCAACTGTGACAAATCCCTTC
ACACTCTTTTTTGGAGATAAGTTGTGTGCCATTCCAAACCTCCGTGAAAACCTATGGTGAACCTGGCTGACTGCTGTACAAAACAAGAGCCCGAAAGAAACGAA
TGTTTCTGCAACACAAAGATGACAACCCCAGCCTGCCACCATTTGAAAGGCCAGAGGCTGAGGCCATGTGCACCTCCTTTAAGGAAAACCCAACCACCTT
TATGGGACACTATTTGCATGAAGTTGCCAGAAGACATCCTTATTTCTATGCCCCAGAACTTCTTTACTATGCTGAGCAGTACAATGAGATTCTGACCCAGT
GTTGTGCAGAGGCTGACAAGGAAAGCTGCCTGACCCCGAAGCTTGATGGTGTGAAGGAGAAAGCATTGGTCTCATCTGTCCGTGAGAGAATGAAGTGCTCC
AGTATGCAGAAGTTTGGAGAGAGAGCTTTTAAAGCATGGGCAGTAGCTCGTCTGAGCCAGACATTCCCCAATGCTGACTTTGCAGAAATCACCAAATTGGC

AACAGACCTGACCAAAGTCAACAAGGAGTGCTGCCATGGTGACCTGCTGGAATGCGCAGATGACAGGGCGGAACCTGCCAAGTACATGTGTGAAAACCAGG
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CCTGCCATTGCTGCTGATTTTGTGAGGACCAGGAAGTGTGCAAGAACTATGCTGAGGCCAAGGATGTCTTCTGGGCACGTTCTTGTATGAATATTCAAG
AAGACACCCTGATTACTCTGTATCCCTGTTGCTGAGACTTGCTAAGAAATATGAAGCCACTCTGGAAAAGTGCTGCGCTGAAGCCAATCCTCCCGCATGCT
ACGGCACAGTGCTTGCTGAATTTTCAACCTCTTGTAGAAGAGCCTAAGAACTTGGTCAAAACCAACTGTGATCTTTACGAGAAGCTTGAGAATATGGATTC
CAAAATGCCATTCTAGTTCGCTACACCCAGAAAGCACCTCAGGTGTCAACCCCAACTCTCGTGAGGCTGCAAGAAACCTAGGAAGAGTGGGCACCAAGTG
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AGCATGTTACCAAGTGCTGTAGTGGATCCCTGGTGGAAGGCGGCCATGCTTCTCTGCTCTGACAGTTGATGAAACATATGTCCCCAAAGAGTTTAAAGCT
GAGACCTTCACCTTCCACTCTGATATCTGCACACTTCCAGAGAAGGAGAAGCAGATTAAGAAACAAACGGCTCTTGCTGAGCTGGTGAAGCACAAAGCCCAA
GGCTACAGCGGAGCAACTGAAGACTGTCATGGATGACTTTGCACAGTTTCTGGATACATGTTGCAAGGCTGCTGACAAGGACACCTGCTTCTCGACTGAGG
GTCCAAACCTTGTCACTAGATGCAAAGACGCCTTAGCCGGAGGGGGCGGTTCC**CACCATCACCACCATCACTGATAA**

gWiz-LS-hCXCL7⁵⁹⁻¹²¹-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

ATGAGGGTCCCCGCTCAGCTCCTGGGGCTCCTGCTGCTCTGGCTCCCAGGTGCACGATGT**GCCGAGCTGCGGTGCATGTGCATCAAGACCACCAGCGGAAT**
CCACCCCAAGAATATCCAGTCCCTGGAAGTGATTGGCAAGGGCACCCACTGCAACCAGGTGGAAGTGATTGCCACACTGAAAGACGGCCGGAAGATCTGCC
TGGACCCTGACGCCCCCAGAATCAAGAAAATCGTGCAAAAAAGCTGGGTGGAGGCGGTAGCGGAGGCGGAGGGT**CG**GAAGCACACAAGAGTGAGATCGCC
CATCGGTATAATGATTTGGGAGAACAAATTTCAAAGGCCTAGTCCTGATTGCCTTTTCCCAGTATCTCCAGAAATGCTCATACGATGAGCATGCCAAATT
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CTCTTGTAGAAGAGCCTAAGAACTTGGTCAAAACCAACTGTGATCTTTACGAGAAGCTTGGAAGATATGGATTCCAAAATGCCATTCTAGTTTCGCTACACC
CAGAAAGCACCTCAGGTGTCAACCCCAACTCTCGTGAGGCTGCAAGAAACCTAGGAAGAGTGGGCACCAAGTGTTGTACACTTCCTGAAGATCAGAGACT
GCCTTGTGTGGAAGACTATCTGTCTGCAATCCTGAACCGTGTGTGTCTGCTGCATGAGAAGACCCAGTGAGTGAGCATGTTACCAAGTGCTGTAGTGGAT
CCCTGGTGGAAGGCGGCCATGCTTCTCTGCTCTGACAGTTGATGAAACATATGTCCCCAAAGAGTTTAAAGCTGAGACCTTCACCTTCCACTCTGATATC
TGCACACTTCCAGAGAAGGAGAAGCAGATTAAGAAACAAACGGCTCTTGCTGAGCTGGTGAAGCACAAAGCCCAAGGCTACAGCGGAGCAACTGAAGACTGT
CATGGATGACTTTGCACAGTTCTGGATACATGTTGCAAGGCTGCTGACAAGGACACCTGCTTCTCGACTGAGGGTCCAAACCTTGTCACTAGATGCAAAG
ACGCCTTAGCCGGAGGGGGCGGTTCC**CACCATCACCACCATCACTGATAA**

gWiz-LS-hCXCL8²⁸⁻⁹⁹-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

ATGAGGGTCCCCGCTCAGCTCCTGGGGCTCCTGCTGCTCTGGCTCCCAGGTGCACGATGT**AGCGCCAAAGAACTGCGGTGCCAGTGCATCAAGACCTACAG**
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GGCTACAGCGGAGCAACTGAAGACTGTCATGGATGACTTTGCACAGTTTCTGGATACATGTTGCAAGGCTGCTGACAAGGACACCTGCTTCTCGACTGAGG
GTCCAAACCTTGTCACTAGATGCAAAGACGCCTTAGCCGGAGGGGGCGGTTC**CACCATCACCACCATCACTGATAA**

gWiz-LS-hCXCL9²³⁻¹²⁵-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

ATGAGGGTCCCCGCTCAGCTCCTGGGGCTCCTGCTGCTCTGGCTCCCAGGTGCACGATGT**ACCCCCGTCGTGCGGAAGGGCAGATGCAGCTGTATCAGCAC**
CAACCAGGGCACCATCCATCTCCAGTCTCTGAAGGACCTGAAGCAGTTGCCCCCAGCCCCAGCTGCGAGAAGATCGAGATTATCGCCACACTGAAAAACG
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CGGAGCAACTGAAGACTGTCTATGGATGACTTTGCACAGTTTCTGGATACATGTTGCAAGGCTGCTGACAAGGACACCTGCTTCTCGACTGAGGGTCCAAAC
CTTGTCACTAGATGCAAAGACGCCTTAGCCGGAGGGGGCGGTTCC**CACCATCACCATCACTGATAA**

gWiz-LS-hCXCL10²²⁻⁹⁸-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

ATGAGGGTCCCCGCTCAGCTCCTGGGGCTCCTGCTGCTCTGGCTCCCAGGTGCACGATGT**GTGCCTCTGAGCAGAACCGTGCGGTGCACCTGTATCAGCAT**
CAGCAACCAGCCCGTGAACCCAGAAGCCTGGAAAAGCTGGAAATCATCCCCGCCAGCCAGTTCTGCCCCAGAGTGGAATATCGCCACCATGAAGAAGA
AAGCGGAGAAGCGGTGCCTGAACCCGAGAGCAAGGCCATCAAGAACCTGCTGAAGGCCGTGTCCAAAGAGCGGAGCAAGCGGAGCCAGGTGGAGGCGGT
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CCAGTATCTCCAGAAATGCTCATACGATGAGCATGCCAAATTAGTGCAGGAAGTAACAGACTTTGCAAAGACGTGTGTTGCCGATGAGTCTGCCGCCAACT
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TGTGTGAAAACCAGGCGACTATCTCCAGCAAACCTGCAGACTTGCTGCGATAAACCCTGTTGAAGAAAGCCCCTGTCTTAGTGAGGTGGAGCATGACACC
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GCTTCTCGACTGAGGGTCCAAACCTTGTCTACTAGATGCAAAGACGCCTTAGCCGGAGGGGGCGGTTCC**CACCATCACCACCATCACT**GATAA

gWiz-LS-hCXCL11²²⁻⁹⁴-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

ATGAGGGTCCCCGCTCAGCTCCTGGGGCTCCTGCTGCTCTGGCTCCCAGGTGCACGATGT**TTCCCCATGTTCAAGCGGGGCAGATGCCTGTGCATCGGCCC**
TGGCGTGAAAGCCGTGAAGGTGGCCGATATCGAGAAGGCCAGCATCATGTACCCCAGCAACAACTGCGACAAGATCGAAGTGATCATCACCTGAAAGAGA
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GAAATGCTCATACGATGAGCATGCCAAATTAGTGCAGGAAGTAACAGACTTTGCAAAGACGTGTGTTGCCGATGAGTCTGCCGCCAACTGTGACAAATCCC
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AGGCGACTATCTCCAGCAAACCTGCAGACTTGCTGCGATAAAACCACTGTTGAAGAAAGCCCACTGTCTTAGTGAGGTGGAGCATGACACCATGCCTGCTGAT
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CAAGGCTACAGCGGAGCAACTGAAGACTGTCATGGATGACTTTGCACAGTTCTGGATACATGTTGCAAGGCTGCTGACAAGGACACCTGCTTCTCGACTG
AGGGTCCAAACCTTGTCTACTAGATGCAAAGACGCCTTAGCCGGAGGGGGCGGTTCC**CACCATCACCACCATCACT**GATAA

gWiz-LS-mCXCL1²⁵⁻⁹⁶-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

ATGAGGGTCCCCGCTCAGCTCCTGGGGCTCCTGCTGCTCTGGCTCCCAGGTGCACGATGT**GCCCCATTGCCAACGAGCTGCGGTGCCAGTGCCTGCAGAC**
CATGGCCGGCATCCACCTGAAGAACATCCAGAGCCTGAAGGTGCTGCCAGCGGCCCTCACTGCACCCAGACCGAAGTGATCGCCACCCTGAAGAACGGCA
GAGAGGCCTGCCTGGATCCCGAGGCCCCCCTGGTGCAGAAAATCGTGCAGAAAATGCTGAAGGGCGTGCCCAAGGGTGGAGGCGGTAGCGGAGGCGGAGGG
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ACACTCTTTTTGGAGATAAGTTGTGTGCCATTCCAAACCTCCGTGAAAACATATGGTGAACCTGGCTGACTGCTGTACAAAACAAGAGCCCGAAAGAAACGAA
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 GGCTACAGCGGAGCAACTGAAGACTGTCATGGATGACTTTGCACAGTTTCTGGATACATGTTGCAAGGCTGCTGACAAGGACACCTGCTTCTCGACTGAGG
 GTCCAAACCTTGTCACTAGATGCAAAGACGCCTTAGCCGGAGGGGGCGGTTCC**CACCATCACCACCATCACTGATAA**

gWiz-LS-mCXCL2²⁸⁻¹⁰⁰-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

ATGAGGGTCCCCGCTCAGCTCCTGGGGCTCCTGCTGCTCTGGCTCCCAGGTGCACGATGT**GCCGTCGTGGCCAGCGAGCTGCGGTGCCAGTGCCTGAAAAC**
CCTGCCCCGGGTGGACTTCAAGAACATCCAGAGCCTGAGCGTGACCCCCCTGGCCCTCACTGTGCCAGACCGAAGTGATCGCCACCCTGAAGGGCGGCC
AGAAAGTGTGCCTGGACCCCGAGGCCCCCTGGTGCAGAAGATCATCCAGAAGATCCTGAACAAGGGCAAGGCCAACGGTGGAGGCGGTAGCGGAGGCGGA
GGGTGCGGAAGCACACAAGAGTGAGATCGCCCATCGGTATAATGATTTGGGAGAACAACATTTCAAAGGCCTAGTCCTGATTGCCTTTTCCAGTATCTCCA
 GAAATGCTCATACGATGAGCATGCCAAATTAGTGCAGGAAGTAACAGACTTTGCAAAGACGTGTGTTGCCGATGAGTCTGCCGCCAACTGTGACAAATCCC
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 CTTTATGGGACACTATTTGCATGAAGTTGCCAGAAGACATCCTTATTTCTATGCCCCAGAACTTCTTTACTATGCTGAGCAGTACAATGAGATTCTGACCC
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 AGGCGACTATCTCCAGCAAACCTGCAGACTTGCTGCGATAAACCACTGTTGAAGAAAGCCCCTGTCTTAGTGAGGTGGAGCATGACACCATGCCTGCTGAT
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 AAGAAGACACCCTGATTACTCTGTATCCCTGTTGCTGAGACTTGCTAAGAAATATGAAGCCACTCTGGAAAAGTGCTGCGCTGAAGCCAATCCTCCCGCAT
 GCTACGGCACAGTGCTTGCTGAATTTACGCTCTTGTAGAAGAGCCTAAGAACTTGGTCAAAACCAACTGTGATCTTTACGAGAAGCTTGGAGAATATGGA
 TTCCAAAATGCCATTCTAGTTCGCTACACCCAGAAAGCACCTCAGGTGTCAACCCCAACTCTCGTGGAGGCTGCAAGAAACCTAGGAAGAGTGGGCACCAA
 GTGTTGTACACTTCCTGAAGATCAGAGACTGCCTTGTGTGGAAGACTATCTGTCTGCAATCCTGAACCGTGTGTGTCTGCTGCATGAGAAGACCCAGTGA
 GTGAGCATGTTACCAAGTGCTGTAGTGGATCCCTGGTGGAAGGCGGCCATGCTTCTCTGCTCTGACAGTTGATGAAACATATGTCCCCAAAGAGTTTAAA

GCTGAGACCTTCACCTTCCACTCTGATATCTGCACACTTCCAGAGAAGGAGAAGCAGATTAAGAAACAAACGGCTCTTGCTGAGCTGGTGAAGCACAAGCC
CAAGGCTACAGCGGAGCAACTGAAGACTGTCATGGATGACTTTGCACAGTTCCTGGATACATGTTGCAAGGCTGCTGACAAGGACACCTGCTTCTCGACTG
AGGGTCCAAACCTTGTCCTAGATGCAAAGACGCCTTAGCCGGAGGGGGCGGTTCC**CACCATCACCACTCACTGATAA**

gWiz-LS-mCXCL3²⁸⁻¹⁰⁰-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

ATGAGGGTCCCCGCTCAGCTCCTGGGGCTCCTGCTGCTCTGGCTCCCAGGTGCACGATGT**GCTGTGGTGGCCTCTGAGCTGAGATGCCAGTGCCTGAACAC**
CCTGCCCCGGGTGGACTTCGAGACAATCCAGAGCCTGACCGTGACCCCCCTGGCCCTCACTGTACCCAGACAGAAGTGATCGCCACCCTGAAGGACGGCC
AGGAAGTGTGCCTGAATCCCCAGGGCCCCAGACTCCAGATCATCATCAAGAAGATCCTGAAGTCCGGCAAGAGCAGCGGTGGAGGCGGTAGCGGAGGCGGA
GGGTCTGGAAGCACACAAGAGTGAGATCGCCCATCGGTATAATGATTTGGGAGAACAACATTTCAAAGGCCTAGTCCTGATTGCCTTTTCCCAGTATCTCCA
GAAATGCTCATACGATGAGCATGCCAAATTAGTGCAGGAAGTAACAGACTTTGCAAAGACGTGTGTTGCCGATGAGTCTGCCGCCAACTGTGACAAATCCC
TTCACACTCTTTTTTGGAGATAAGTTGTGTGCCATTCCAAACCTCCGTGAAAACCTATGGTGAACCTGGCTGACTGCTGTACAAAACAAGAGCCCCGAAAGAAAC
GAATGTTTCTGCAACACAAAGATGACAACCCAGCCTGCCACCATTGAAAGGCCAGAGGCTGAGGCCATGTGCACCTCCTTTAAGGAAAACCCAAACCAC
CTTTATGGGACACTATTTGCATGAAGTTGCCAGAAGACATCCTTATTTCTATGCCCCAGAACCTCTTTACTATGCTGAGCAGTACAATGAGATTCTGACCC
AGTGTGTGTCAGAGGCTGACAAGGAAAGCTGCCTGACCCGAAGCTTGATGGTGTGAAGGAGAAAGCATTGGTCTCATCTGTCCGTGAGAGAATGAAGTGC
TCCAGTATGCAGAAGTTTGGAGAGAGAGCTTTTAAAGCATGGGCAGTAGCTCGTCTGAGCCAGACATTCCCCAATGCTGACTTTGCAGAAATCACCAATT
GGCAACAGACCTGACCAAAGTCAACAAGGAGTGCTGCCATGGTGAACCTGCTGGAATGCGCAGATGACAGGGCGGAACCTTGCCAAGTACATGTGTGAAAACC
AGGCGACTATCTCCAGCAAACCTGCAGACTTGCTGCGATAAACCACTGTTGAAGAAAGCCCACTGTCTTAGTGAGGTGGAGCATGACACCATGCCTGCTGAT
CTGCCTGCCATTGCTGCTGATTTTGTGAGGACCAGGAAGTGTCGAAGAACTATGCTGAGGCCAAGGATGTCTTCTGGGCACGTTCTTGTATGAATATTC
AAGAAGACACCCTGATTACTCTGTATCCCTGTTGCTGAGACTTGCTAAGAAATATGAAGCCACTCTGGAAAAGTGCTGCGCTGAAGCCAATCCTCCCGCAT
GCTACGGCACAGTGCTTGCTGAATTTACGCCTCTTGCTAGAAGAGCCTAAGAACTTGGTCAAAACCAACTGTGATCTTTACGAGAAGCTTGGAGAATATGGA
TTCCAAAATGCCATTCTAGTTCGCTACACCCAGAAAGCACCTCAGGTGTCAACCCCAACTCTCGTGGAGGCTGCAAGAAACCTAGGAAGAGTGGGCACCAA
GTGTTGTACACTTCCTGAAGATCAGAGACTGCCTTGTTGTGGAAGACTATCTGTCTGCAATCCTGAACCGTGTGTGTCTGCTGCATGAGAAGACCCAGTGA
GTGAGCATGTTACCAAGTGCTGTAGTGGATCCCTGGTGGAAAGGCGGCCATGCTTCTCTGCTCTGACAGTTGATGAAACATATGTCCCCAAAGAGTTTAAA
GCTGAGACCTTCACCTTCCACTCTGATATCTGCACACTTCCAGAGAAGGAGAAGCAGATTAAGAAACAAACGGCTCTTGCTGAGCTGGTGAAGCACAAGCC
CAAGGCTACAGCGGAGCAACTGAAGACTGTCATGGATGACTTTGCACAGTTCCTGGATACATGTTGCAAGGCTGCTGACAAGGACACCTGCTTCTCGACTG
AGGGTCCAAACCTTGTCCTAGATGCAAAGACGCCTTAGCCGGAGGGGGCGGTTCC**CACCATCACCACTCACTGATAA**

gWiz-LS-mCXCL4³⁰⁻¹⁰⁵-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

ATGAGGGTCCCCGCTCAGCTCCTGGGGCTCCTGCTGCTCTGGCTCCCAGGTGCACGATGT**GTGACATCTGCCGGCCCTGAGGAAAGCGACGGCGATCTGTC**
TTGCGTGTGCGTGAAACCATCAGCAGCGGCATCCACCTGAAGCACATCACCAGCCTGGAAGTGATCAAGGCCGGCAGGCAGTGTGCCGTGCCTCAGCTGA
TTGCCACCCTGAAGAACGGCCGGAAGATCTGCCTGGACAGACAGGCCCCCTGTACAAGAAAGTGATTAAGAAGATCCTGGAAAGCGGTGGAGGCGGTAGC
GGAGGCGGAGGGTCTGGAAGCACACAAGAGTGAGATCGCCCATCGGTATAATGATTTGGGAGAACAACATTTCAAAGGCCTAGTCCTGATTGCCTTTTCCCA
GTATCTCCAGAAATGCTCATACGATGAGCATGCCAAATTAGTGCAGGAAGTAACAGACTTTGCAAAGACGTGTGTTGCCGATGAGTCTGCCGCCAACTGTG
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GAAAGAAACGAATGTTTCTGCAACACAAAGATGACAACCCAGCCTGCCACCATTGAAAGGCCAGAGGCTGAGGCCATGTGCACCTCCTTTAAGGAAAA
CCCAACCACCTTTATGGGACACTATTTGCATGAAGTTGCCAGAAGACATCCTTATTTCTATGCCCCAGAACCTCTTTACTATGCTGAGCAGTACAATGAGA
TTCTGACCCAGTGTGTGTCAGAGGCTGACAAGGAAAGCTGCCTGACCCCGAAGCTTGATGGTGTGAAGGAGAAAGCATTGGTCTCATCTGTCCGTGAGAGA
ATGAAGTGCTCCAGTATGCAGAAGTTTGGAGAGAGAGCTTTTAAAGCATGGGCAGTAGCTCGTCTGAGCCAGACATTCCCCAATGCTGACTTTGCAGAAAT

CACCAAATTGGCAACAGACCTGACCAAAGTCAACAAGGAGTGCTGCCATGGTGACCTGCTGGAATGCGCAGATGACAGGGCGGAACCTTGCCAAGTACATGT
 GTGAAAACCAGGCGACTATCTCCAGCAAAGTGCAGACTTGCTGCGATAAACCACTGTTGAAGAAAGCCCCTGTCTTAGTGAGGTGGAGCATGACACCATG
 CCTGCTGATCTGCCTGCCATTGCTGCTGATTTTGTGAGGACCAGGAAGTGTGCAAGAACTATGCTGAGGCCAAGGATGTCTTCCTGGGCACGTTCTTGTA
 TGAATATTCAAGAAGACACCCTGATTACTCTGTATCCCTGTTGCTGAGACTTGCTAAGAAATATGAAGCCACTCTGGAAAAGTGCTGCGCTGAAGCCAATC
 CTCCCGCATGCTACGGCACAGTGCTTGCTGAATTTTCAGCCTCTTGTTAGAAGAGCCTAAGAACTTGGTCAAAACCAACTGTGATCTTTACGAGAAGCTTGGA
 GAATATGGATTCCAAAATGCCATTCTAGTTGCTACACCCAGAAAGCACCTCAGGTGTCAACCCCCAACTCTCGTGGAGGCTGCAAGAAACCTAGGAAGAGT
 GGGCACCAAGTGTTGTACACTTCCTGAAGATCAGAGACTGCCTTGTTGTGGAAGACTATCTGTCTGCAATCCTGAACCGTGTGTGTCTGCTGCATGAGAAGA
 CCCCAGTGAGTGAGCATGTTACCAAGTGCTGTAGTGGATCCCTGGTGGAAAGGCGGCCATGCTTCTCTGCTCTGACAGTTGATGAAACATATGTCCCCAA
 GAGTTTAAAGCTGAGACCTTCACCTTCCACTCTGATATCTGCACACTTCCAGAGAAGGAGAAGCAGATTAAGAAACAAACGGCTCTTGCTGAGCTGGTGAA
 GCACAAGCCCCAAGGCTACAGCGGAGCAACTGAAGACTGTCATGGATGACTTTGCACAGTTCCTGGATACATGTTGCAAGGCTGCTGACAAGGACACCTGCT
 TCTCGACTGAGGGTCCAAACCTTGTCCTACTAGATGCAAAGACGCCTTAGCCGGAGGGGGCGGTTCC**CACCATCACCACCATCACTGATAA**

gWiz-LS-mCXCL5⁴⁸⁻¹¹⁸-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

ATGAGGGTCCCCGCTCAGCTCCTGGGGCTCCTGCTGCTCTGGCTCCCAGGTGCACGATGT**GCCACCGAGCTGAGATGCGTGTGCCTGACCGTGACCCCCAA**
GATCAACCCCAAGCTGATCGCCAACCTGGAAGTGATCCCTGCCGGCCCTCAGTGCCCCACCGTGGAAGTGATTGCCAAGCTGAAGAACCAGAAAGAAGTGT
GCCTGGACCCCGAGGCCCCCGTGATCAAGAAGATCATCCAGAAGATCCTGGGCAGCGACAAGAAGAAGCCGGTGGAGCGGTAGCGGAGCGGAGGGTGC
 GAAGCACACAAGATGAGATCGCCCATCGGTATAATGATTTGGGAGAACAAACATTTCAAAGGCCTAGTCCTGATTGCCTTTTCCCAGTATCTCCAGAAATG
 CTCATACGATGAGCATGCCAAATTAGTGCAGGAAGTAACAGACTTTGCAAAGACGTGTGTTGCCGATGAGTCTGCCGCCAACTGTGACAAATCCCTTCACA
 CTCTTTTTGGAGATAAGTTGTGTGCCATTCCAAACCTCCGTGAAAACCTATGGTGAACCTGGCTGACTGCTGTACAAAACAAGAGCCCGAAAGAAACGAATGT
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 GGGACACTATTTGCATGAAGTTGCCAGAAGACATCCTTATTTCTATGCCCCAGAACTTCTTTACTATGCTGAGCAGTACAATGAGATTCTGACCCAGTGTT
 GTGCAGAGGCTGACAAGGAAAGCTGCCTGACCCCGAAGCTTGATGGTGTGAAGGAGAAAGCATTGGTCTCATCTGTCCGTGAGAGAATGAAGTGCTCCAGT
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 AATGCCATTCTAGTTGCTACACCCAGAAAGCACCTCAGGTGTCAACCCCCAACTCTCGTGGAGGCTGCAAGAAACCTAGGAAGAGTGGGCACCAAGTGTTG
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 ATGTTACCAAGTGCTGTAGTGGATCCCTGGTGGAAAGGCGGCCATGCTTCTCTGCTCTGACAGTTGATGAAACATATGTCCCCAAAGAGTTTAAAGCTGAG
 ACCTTCACCTTCCACTCTGATATCTGCACACTTCCAGAGAAGGAGAAGCAGATTAAGAAACAAACGGCTCTTGCTGAGCTGGTGAAGCACAAGCCCCAAGGC
 TACAGCGGAGCAACTGAAGACTGTCATGGATGACTTTGCACAGTTCCTGGATACATGTTGCAAGGCTGCTGACAAGGACACCTGCTTCTCGACTGAGGGTC
 CAAACCTTGTCCTACTAGATGCAAAGACGCCTTAGCCGGAGGGGGCGGTTCC**CACCATCACCACCATCACTGATAA**

gWiz-LS-mCXCL7⁴⁸⁻¹¹³-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

ATGAGGGTCCCCGCTCAGCTCCTGGGGCTCCTGCTGCTCTGGCTCCCAGGTGCACGATGT**ATCGAGCTGCGGTGCCGGTGCACCAACACCATCAGCGGCAT**
CCCTTTCAACAGCATCAGCCTCGTGAACGTGTACAGACCCGGCGTGCCTGCGCCGACGTGGAAGTGATTGCTACACTGAAGAATGGGCAGAAAACCTGCC

TGGACCCCAACGCCCTGGCGTGAAGCGGATCGTGATGAAGATTCTGGAAGGCTACGGTGGAGGCGGTAGCGGAGGCGGAGGGTCGGAAGCACACAAGAGT
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 TGCCAAATTAGTGAGGAAGTAACAGACTTTGCAAAGACGTGTGTTGCCGATGAGTCTGCCGCCAACTGTGACAAATCCCTTCACACTCTTTTTGGAGATA
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 GATGACAACCCAGCCTGCCACCATTGTAAAGGCCAGAGGCTGAGGCCATGTGCACCTCCTTTAAGGAAAACCCAACCACCTTTATGGGACACTATTTGCA
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 TGTATCCCTGTTGCTGAGACTTGCTAAGAAATATGAAGCCACTCTGAAAAGTGCTGCGCTGAAGCCAATCCTCCCGCATGCTACGGCACAGTGCTTGCTG
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 CGCTACACCCAGAAAGCACCTCAGGTGTCAACCCCAACTCTCGTGGAGGCTGCAAGAAACCTAGGAAGAGTGGGCACCAAGTGTTGTACACTTCCTGAAGA
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 GTAGTGGATCCCTGGTGGAAAGGCGGCCATGCTTCTCTGCTCTGACAGTTGATGAAACATATGTCCCCAAAGAGTTTAAAGCTGAGACCTTCACCTTCCAC
 TCTGATATCTGCACACTTCAGAGAAGGAGAAGCAGATTAAGAAACAAACGGCTCTTGCTGAGCTGGTGAAGCACAAAGCCCAAGGCTACAGCGGAGCAACT
 GAAGACTGTCTATGGATGACTTTGCACAGTTTCTGGATACATGTTGCAAGGCTGCTGACAAGGACACCTGCTTCTCGACTGAGGGTCCAAACCTTGTCTACTA
 GATGCAAAGACGCCTTAGCCGGAGGGGGCGGTTCC**CACCATCACCACCATCACT**GATAA

gWiz-LS-mCXCL9²²⁻¹²⁶-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

ATGAGGGTCCCCGCTCAGCTCCTGGGGCTCCTGCTGCTCTGGCTCCCAGGTGCACGATGT**ACCCTCGTGATCCGGAACGCCCGGTGCAGCTGTATCAGCAC**
CAGCAGAGGCACCATCCACTACAAGAGCCTGAAGGATCTGAAGCAGTTCGCCCCCAGCCCCAACTGCAACAAGACCGAGATTATCGCCACACTGAAAAACG
GGGACCAGACCTGTCTGGACCCCGACAGCGCCAACGTGAAGAACTGATGAAGGAATGGGAGAAGAAGATCAGCCAGAAGAAGAAGCAGAAGCGGGGCAAG
AAACACCAGAAAAACATGAAGAACCGBAAGCCCAAGACCCCCCAGAGCCGGCGGAGATCCAGAAAGACCACAGGTGGAGGCGGTAGCGGAGGCGGAGGGTC
GGAAGCACACAAGAGTGAGATCGCCCATCGGTATAATGATTTGGGAGAACAACATTTCAAAGGCCTAGTCCTGATTGCCTTTTCCAGTATCTCCAGAAAT
 GCTCATACGATGAGCATGCCAAATTAGTGAGGAAGTAACAGACTTTGCAAAGACGTGTGTTGCCGATGAGTCTGCCGCCAACTGTGACAAATCCCTTCAC
 ACTCTTTTTTGGAGATAAGTTGTGTGCCATTCCAAACCTCCGTGAAAACCTATGGTGAACCTGGCTGACTGCTGTACAAAACAAGAGCCCCGAAAGAAACGAATG
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 TGCCATTGCTGCTGATTTTGTGAGGACCAGGAAGTGTGCAAGAACTATGCTGAGGCCAAGGATGTCTTCTGGGCACGTTCTTGTATGAATATTCAAGAA
 GACACCTGATTACTCTGTATCCCTGTTGCTGAGACTTGCTAAGAAATATGAAGCCACTCTGAAAAGTGCTGCGCTGAAGCCAATCCTCCCGCATGCTAC
 GGCACAGTGCTTGCTGAATTTGAGCCTCTTGTAGAAGAGCCTAAGAACTTGGTCAAAACCAACTGTGATCTTTACGAGAAGCTTGGAGAATATGGATTCCA
 AAATGCCATTCTAGTTGCTACACCCAGAAAGCACCTCAGGTGTCAACCCCAACTCTCGTGGAGGCTGCAAGAAACCTAGGAAGAGTGGGCACCAAGTGTT
 GTACACTTCCTGAAGATCAGAGACTGCCTTGTGTGGAAGACTATCTGTCTGCAATCCTGAACCGTGTGTGTCTGCTGCATGAGAAGACCCCAGTGAGTGAG

CATGTTACCAAGTGCTGTAGTGGATCCCTGGTGGAAGGCGGCCATGCTTCTCTGCTCTGACAGTTGATGAAACATATGTCCCCAAAGAGTTTAAAGCTGA
GACCTTCACCTTCCACTCTGATATCTGCACACTTCCAGAGAAGGAGAAGCAGATTAAGAAACAAACGGCTCTTGCTGAGCTGGTGAAGCACAAGCCCCAAGG
CTACAGCGGAGCAACTGAAGACTGTCATGGATGACTTTGCACAGTTTCTGGATACATGTTGCAAGGCTGCTGACAAGGACACCTGCTTCTCGACTGAGGGT
CCAAACCTTGCTACTAGATGCAAAGACGCCTTAGCCGGAGGGGGCGGTTCC**CACCATCACCACCATCACTGATAA**

gWiz-LS-mCXCL10²²⁻⁹⁸-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

ATGAGGGTCCCCGCTCAGCTCCTGGGGCTCCTGCTGCTCTGGCTCCCAGGTGCACGATGT**ATCCCACTGGCCAGAACCGTGCGGTGCAACTGCATCCACAT**
CGACGATGGCCCCGTGCGGATGAGAGCCATCGGCAAGCTGGAATCATCCCCGCCAGCCTGAGCTGCCCCAGAGTGGAATTATCGCCACCATGAAGAAGA
ACGACGAGCAGCGGTGCCTGAACCCCGAGAGCAAGACCATCAAGAACCTGATGAAGGCCTTTAGCCAGAAGCGGAGCAAGAGGGCCCCAGGTGGAGGCGGT
AGCGGAGGCGGAGGGTCTGGAAGCACACAAGAGTGAGATCGCCCATCGGTATAATGATTTGGGAGAACAAATTTCAAAGGCCTAGTCCTGATTGCCTTTTC
CCAGTATCTCCAGAAATGCTCATACGATGAGCATGCCAAATTAGTGCAGGAAGTAACAGACTTTGCAAAGACGTGTGTTGCCGATGAGTCTGCCGCCAACT
GTGACAAATCCCTTCACACTCTTTTTGGAGATAAGTTGTGTGCCATTCCAAACCTCCGTGAAAACCTATGGTGAACTGGCTGACTGCTGTACAAAACAAGAG
CCCGAAAGAAACGAATGTTTCCTGCAACACAAAGATGACAACCCAGCCTGCCACCATTTGAAAGGCCAGAGGCTGAGGCCATGTGCACCTCCTTTAAGGA
AAACCCAACCACCTTTATGGGACACTATTTGCATGAAGTTGCCAGAAGACATCCTTATTTCTATGCCCCAGAACTTCTTTACTATGCTGAGCAGTACAATG
AGATTCTGACCCAGTGTTGTGCAGAGGCTGACAAGGAAAGCTGCCTGACCCCGAAGCTTGATGGTGTGAAGGAGAAAGCATTGGTCTCATCTGTCCGTCAG
AGAATGAAGTGCTCCAGTATGCAGAAGTTTGGAGAGAGAGCTTTTAAAGCATGGGCAGTAGCTCGTCTGAGCCAGACATTCCCCAATGCTGACTTTGCAGA
AATCACCAAATTGGCAACAGACCTGACCAAAGTCAACAAGGAGTGCTGCCATGGTGACCTGCTGGAATGCGCAGATGACAGGGCGGAACCTTGCCAAGTACA
TGTGTGAAAACCAGGCGACTATCTCCAGCAAACCTGCAGACTTGCTGCGATAAACCACTGTTGAAGAAAGCCCACTGTCTTAGTGAGGTGGAGCATGACACC
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ATCCTCCCGCATGCTACGGCACAGTGCTTGCTGAATTTACGCCTCTTGTTAGAAAGAGCCTAAGAACTTGGTCAAAACCAACTGTGATCTTTACGAGAAGCTT
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AGTGGGCACCAAGTGTTGTACACTTCCTGAAGATCAGAGACTGCCTTGTTGTGGAAGACTATCTGTCTGCAATCCTGAACCGTGTGTGTCTGCTGCATGAGA
AGACCCCAAGTGAGTGAGCATGTTACCAAGTGCTGTAGTGGATCCCTGGTGGAAGGCGGCCATGCTTCTCTGCTCTGACAGTTGATGAAACATATGTCCCC
AAAGAGTTTAAAGCTGAGACCTTCACCTTCCACTCTGATATCTGCACACTTCCAGAGAAGGAGAAGCAGATTAAGAAACAAACGGCTCTTGCTGAGCTGGT
GAAGCACAAGCCCCAAGGCTACAGCGGAGCAACTGAAGACTGTCATGGATGACTTTGCACAGTTCTGGATACATGTTGCAAGGCTGCTGACAAGGACACCT
GCTTCTCGACTGAGGGTCCAAACCTTGCTACTAGATGCAAAGACGCCTTAGCCGGAGGGGGCGGTTCC**CACCATCACCACCATCACTGATAA**

gWiz-LS-mCXCL11²²⁻¹⁰⁰-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

ATGAGGGTCCCCGCTCAGCTCCTGGGGCTCCTGCTGCTCTGGCTCCCAGGTGCACGATGT**TTCCTGATGTTCAAGCAGGGCCGGTGCCTGTGCATCGGCCC**
TGGAATGAAGGCCGTGAAGATGGCCGAGATCGAGAAGGCCAGCGTGATCTACCCAGCAACGGCTGCGACAAGGTGGAAGTGATCGTGACCATGAAGGCC
ACAAGCGGCAGAGATGCCTGGACCCAGATCCAAGCAGGCCCGGCTGATCATGCAGGCTATCGAGAAGAAGAATTTCTGCGGCGGCAGAACATGGGTGGA
GGCGGTAGCGGAGGCGGAGGGTCTGGAAGCACACAAGAGTGAGATCGCCCATCGGTATAATGATTTGGGAGAACAAATTTCAAAGGCCTAGTCCTGATTGC
CTTTTCCAGTATCTCCAGAAATGCTCATACGATGAGCATGCCAAATTAGTGCAGGAAGTAACAGACTTTGCAAAGACGTGTGTTGCCGATGAGTCTGCCG
CCAATGTGACAAATCCCTTCACACTCTTTTTGGAGATAAGTTGTGTGCCATTCCAAACCTCCGTGAAAACCTATGGTGAACTGGCTGACTGCTGTACAAA
CAAGAGCCCCGAAAGAAACGAATGTTTCCTGCAACACAAAGATGACAACCCAGCCTGCCACCATTTGAAAGGCCAGAGGCTGAGGCCATGTGCACCTCCTT
TAAGGAAAACCAACCACCTTTATGGGACACTATTTGCATGAAGTTGCCAGAAGACATCCTTATTTCTATGCCCCAGAACTTCTTTACTATGCTGAGCAGT
ACAATGAGATTCTGACCCAGTGTTGTGCAGAGGCTGACAAGGAAAGCTGCCTGACCCCGAAGCTTGATGGTGTGAAGGAGAAAGCATTGGTCTCATCTGTC

CGTCAGAGAATGAAGTGCTCCAGTATGCAGAAGTTTGGAGAGAGAGCTTTTAAAGCATGGGCAGTAGCTCGTCTGAGCCAGACATTCCCCAATGCTGACTT
TGCAGAAATCACCAAATTGGCAACAGACCTGACCAAAGTCAACAAGGAGTGCTGCCATGGTGACCTGCTGGAATGCGCAGATGACAGGGCGGAACCTTGCCA
AGTACATGTGTGAAAACCAGGCGACTATCTCCAGCAAAGTGCAGACTTGCTGCGATAAACCACTGTTGAAGAAAGCCCACTGTCTTAGTGAGGTGGAGCAT
GACACCATGCCTGCTGATCTGCCTGCCATTGCTGCTGATTTTGTGAGGACCAGGAAGTGTCAGAAGTATGCTGAGGCCAAGGATGTCTTCCTGGGCAC
GTTCTTGTATGAATATTCAAGAAGACACCCTGATTACTCTGTATCCCTGTTGCTGAGACTTGCTAAGAAATATGAAGCCACTCTGGAAAAGTGCTGCGCTG
AAGCCAATCCTCCCGCATGCTACGGCACAGTGCTTGCTGAATTTACAGCCTCTTGTTAGAAAGAGCCTAAGAAGTGGTCAAAACCAACTGTGATCTTTACGAG
AAGCTTGGAGAATATGGATTCCAAAATGCCATTCTAGTTTCGCTACACCCAGAAAGCACCTCAGGTGTCAACCCCAACTCTCGTGGAGGCTGCAAGAAACCT
AGGAAGAGTGGGCACCAAGTGTGTACACTTCCTGAAGATCAGAGACTGCCTTGTTGTGGAAGACTATCTGTCTGCAATCCTGAACCGTGTGTGTCTGCTGC
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GTCCCCAAGAGTTTAAAGCTGAGACCTTCACCTTCCACTCTGATATCTGCACACTTCCAGAGAAGGAGAAGCAGATTAAGAAACAAACGGCTCTTGCTGA
GCTGGTGAAGCACAAGCCCAAGGCTACAGCGGAGCAACTGAAGACTGTCATGGATGACTTTGCACAGTTCCCTGGATACATGTTGCAAGGCTGCTGACAAGG
ACACCTGCTTCTCGACTGAGGGTCCAAACCTTGTCCTAGATGCAAAGACGCCTTAGCCGGAGGGGGCGGTTCC**CACCATCACCACCATCACTGATAA**

Amino-acid sequences of CXCL chemokines fused to the N-terminus of mouse serum albumin (^NCXCL-SA^C)

Amino acid sequences of translated polypeptides are shown. The sequences include the secretory leader peptide (LS, in grey underlined), an active form of CXCL (in blue bold), a decapeptide (Gly₄Ser)₂ flexible linker (in green bold), mouse serum albumin (SA, in grey), a pentapeptide (Gly₄Ser) flexible linker (in black italic and underlined) and the hexa-histidine tag (His₆, in red bold).

LS-hCXCL1³⁵⁻¹⁰⁷-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

MRVPAQLLGLLLLLWLPGARC**ASVATELRCQCLQTLQGIHPKNIQSVNVKSPGPHCAQTEVIATLKNGRKACLNPA****SPIVKKIIEKMLNSDKSNGGGGSGGG**
GSEAHKSEIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTCVADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTKQEPERN
ECFLQHKDDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQCCAEADKESCLTPKLDGVKEKALVSSVRQRMKC
SSMQKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLCADDRAELAKYMCENQATISSKLQTCCDKPLLKKAHCLSEVEHDTMPAD
LPAIAADFVEDQEVCKNYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACYGTVLAEFQPLVEEPKNLVKTNCDLYEKLGEYG
FQNAILVRYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSEHVTKCCSGSLVERRPCFSALTVDETYVPKEFK
AETFTFHSDICTLPEKEKQIKKQTALAELVKHKPKATAEQLKTMDDFAQFLDTCCKAADKDTCFSTEGPNLVTRCKDALAGGGGS**HHHHHH**--

LS-hCXCL2³⁵⁻¹⁰⁷-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

MRVPAQLLGLLLLLWLPGARC**APLATELRCQCLQTLQGIHLKNIQSVKVKSPGPHCAQTEVIATLKNQKACLNPA****SPMVKKIIEKMLKNGKSNGGGGSGGG**
GSEAHKSEIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTCVADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTKQEPERN
ECFLQHKDDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQCCAEADKESCLTPKLDGVKEKALVSSVRQRMKC
SSMQKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLCADDRAELAKYMCENQATISSKLQTCCDKPLLKKAHCLSEVEHDTMPAD
LPAIAADFVEDQEVCKNYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACYGTVLAEFQPLVEEPKNLVKTNCDLYEKLGEYG
FQNAILVRYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSEHVTKCCSGSLVERRPCFSALTVDETYVPKEFK
AETFTFHSDICTLPEKEKQIKKQTALAELVKHKPKATAEQLKTMDDFAQFLDTCCKAADKDTCFSTEGPNLVTRCKDALAGGGGS**HHHHHH**--

LS-hCXCL3³⁵⁻¹⁰⁷-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

MRVPAQLLGLLLLLWLPGARC**ASVVTELRCQCLQTLQGIHLKNIQSVNVRS****PGPHCAQTEVIATLKNKKACLNPA****SPMVQKIIEKILNKGSTNGGGGSGGG**
GSEAHKSEIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTCVADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTKQEPERN

ECFLQHKDDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQCCAEADKESCLTPKLDGVKEKALVSSVRQRMKC
SSMQKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLECADDRAELAKYMCENQATISSKLQTCCDKPLLKKAHCLSEVEHDTMPAD
LPAIAADFVEDQEVCKNYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACYGTVLAEFQPLVEEPKNLVKTNCPLYEKLGEYGFQ
FQNAILVRYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSEHVTKCCSGSLVERRPCFSALTVDETYVPKEFK
AETFTFHSDICTLPEKEKQIKKQTALAELVKHKPKATAEQLKTMDDFAQFLDTCCAADKDTCFSTEGPNLVTRCKDALAGGGGSHHHHHH--

LS-hCXCL4³²⁻¹⁰¹-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

MRVPAQLLGLLLLLWLPGARCEAEEDGDLQCLCVKTTTSQVRPRHITSLEVIKAGPHCPTAQLIATLKNGRKICLDLQAPLYKKI IKKLLESGGGGSGGGGS
EAHKSEIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTCVADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTKQEPERNECF
LQHKDDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQCCAEADKESCLTPKLDGVKEKALVSSVRQRMKCSSM
QKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLECADDRAELAKYMCENQATISSKLQTCCDKPLLKKAHCLSEVEHDTMPADLPA
IAADFVEDQEVCKNYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACYGTVLAEFQPLVEEPKNLVKTNCPLYEKLGEYGFQ
AILVRYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSEHVTKCCSGSLVERRPCFSALTVDETYVPKEFKAET
FTFHSDICTLPEKEKQIKKQTALAELVKHKPKATAEQLKTMDDFAQFLDTCCAADKDTCFSTEGPNLVTRCKDALAGGGGSHHHHHH--

LS-hCXCL5⁴⁴⁻¹¹⁴-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

MRVPAQLLGLLLLLWLPGARCLRELRCVCLQTTQGVHPKMISNLQVFAIGPQCSKVEVVASLKNGKEICLDPEAPFLKKVIQKILDGNGKENGGGSGGGGS
EAHKSEIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTCVADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTKQEPERNEC
FLQHKDDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQCCAEADKESCLTPKLDGVKEKALVSSVRQRMKCSS
MQKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLECADDRAELAKYMCENQATISSKLQTCCDKPLLKKAHCLSEVEHDTMPADLP
AIAADFVEDQEVCKNYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACYGTVLAEFQPLVEEPKNLVKTNCPLYEKLGEYGFQ
NAILVRYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSEHVTKCCSGSLVERRPCFSALTVDETYVPKEFKAET
TFTFHSDICTLPEKEKQIKKQTALAELVKHKPKATAEQLKTMDDFAQFLDTCCAADKDTCFSTEGPNLVTRCKDALAGGGGSHHHHHH--

LS-hCXCL6⁴³⁻¹¹⁴-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

MRVPAQLLGLLLLLWLPGARCVLTELRCTCLRVTLRVNPKTIGKLQVFPAQGPQCSKVEVVASLKNGKQVCLDPEAPFLKKVIQKILDSGNKKNGGGSGGGG
SEAHKSEIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTCVADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTKQEPERNE
CFLQHKDDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQCCAEADKESCLTPKLDGVKEKALVSSVRQRMKCS
SMQKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLECADDRAELAKYMCENQATISSKLQTCCDKPLLKKAHCLSEVEHDTMPADL
PAIAADFVEDQEVCKNYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACYGTVLAEFQPLVEEPKNLVKTNCPLYEKLGEYGF
QNAILVRYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSEHVTKCCSGSLVERRPCFSALTVDETYVPKEFKA
ETFTFHSDICTLPEKEKQIKKQTALAELVKHKPKATAEQLKTMDDFAQFLDTCCAADKDTCFSTEGPNLVTRCKDALAGGGGSHHHHHH--

LS-hCXCL7⁵⁹⁻¹²¹-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

MRVPAQLLGLLLLLWLPGARCAELRCMCIKTTSGIHPKNIQSLEVIGKGTHCNQVEVIATLKDGRKICLDPDAPRIKKIVQKKLGGGSGGGGSEAHKSEIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTCVADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTKQEPERNECFLQHKDDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQCCAEADKESCLTPKLDGVKEKALVSSVRQRMKCSSMQKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLECADDRAELAKYMCENQATISSKLQTCCKPPLLKKAHCLSEVEHDTMPADLPAIAADFVEDQEVCKNYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACYGTVLAEFQPLVEEPKNLVKTNCDLYEKLGEYGFQNAILVRYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSEHVTKCCSGSLVERRPCFSALTVDETYVPKEFKAETFTFHSDICTLPEKEKQIKKQTALAELVKHKPKATAEQLKTMDDFAQFLDTCCKAADKDTCFSTEGPNLVTRCKDALAGGGGSHHHHHH--

LS-hCXCL8²⁸⁻⁹⁹-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

MRVPAQLLGLLLLLWLPGARCSAKELRCQCIKTYSKPFHPKFIKELRVIESGPHCANTEIIVKLSDGRELCLDPKENWVQRVVEKFLKRAENSGGGSGGGGSEAHKSEIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTCVADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTKQEPERNECFLQHKDDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQCCAEADKESCLTPKLDGVKEKALVSSVRQRMKCSSMQKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLECADDRAELAKYMCENQATISSKLQTCCKPPLLKKAHCLSEVEHDTMPADLPAIAADFVEDQEVCKNYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACYGTVLAEFQPLVEEPKNLVKTNCDLYEKLGEYGFQNAILVRYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSEHVTKCCSGSLVERRPCFSALTVDETYVPKEFKAETFTFHSDICTLPEKEKQIKKQTALAELVKHKPKATAEQLKTMDDFAQFLDTCCKAADKDTCFSTEGPNLVTRCKDALAGGGGSHHHHHH--

LS-hCXCL9²³⁻¹¹⁵-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

MRVPAQLLGLLLLLWLPGARCTPVVRKGRCSICSTNQGTIHLQSLKDLKQFAPSPSCEKIEIIATLKNGVQTCCLNPDSADVKELIKKEKQVSQKKKQKNGKHKQKKKVLKVRKSQRSRQKKTTGGGSGGGGSEAHKSEIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTCVADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTKQEPERNECFLQHKDDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQCCAEADKESCLTPKLDGVKEKALVSSVRQRMKCSSMQKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLECADDRAELAKYMCENQATISSKLQTCCKPPLLKKAHCLSEVEHDTMPADLPAIAADFVEDQEVCKNYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACYGTVLAEFQPLVEEPKNLVKTNCDLYEKLGEYGFQNAILVRYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSEHVTKCCSGSLVERRPCFSALTVDETYVPKEFKAETFTFHSDICTLPEKEKQIKKQTALAELVKHKPKATAEQLKTMDDFAQFLDTCCKAADKDTCFSTEGPNLVTRCKDALAGGGGSHHHHHH--

LS-hCXCL10²²⁻⁹⁸-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

MRVPAQLLGLLLLLWLPGARCVPLSRTVRCTCISISNQPVNPRSLEKLEIIPASQFCPRVEIIATMKKKGEKRCCLNPESKAIAKNLLKAVSKERSKRSPGGGSGGGGSEAHKSEIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTCVADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTKQEPERNECFLQHKDDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQCCAEADKESCLTPKLDGVKEKALVSSVRQ

RMKCSSMQKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLECADDRAELAKYMCENQATISSKLQTCCKPLLKKAHCLSEVEHDT
MPADLPAIAADFVEDQEVCKNYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACYGTVLAEFQPLVEEPKNLVKTNCDLYEKL
GEYGFQNAILVRYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSEHVTKCCSGSLVERRPCFSALTVDETYVP
KEFKAETFTFHSDICTLPEKEKQIKKQTALAELVKHKPKATAEQLKTMDDFAQFLDTCCAADKDTCFSTEGPNLVTRCKDALAGGGGSHHHHHH--

LS-hCXCL11²²⁻⁹⁴-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

MRVPAQLLGLLLLLWLPGARCA**FPMFKRGRCLCIGPGVKAVKVADIEKASIMYPSNNCDKIEVIITLKENKGQRCLNPKSKQARLI**IKKVERKNF**GGGGS**GGG
GSEAHKSEIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTCVADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTKQEPERN
ECFLQHKDDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQCCAEADKESCLTPKLDGVKEKALVSSVRQRMKC
SSMQKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLECADDRAELAKYMCENQATISSKLQTCCKPLLKKAHCLSEVEHDTMPAD
LPAIAADFVEDQEVCKNYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACYGTVLAEFQPLVEEPKNLVKTNCDLYEKLGEYG
FQNAILVRYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSEHVTKCCSGSLVERRPCFSALTVDETYVPKEFK
AETFTFHSDICTLPEKEKQIKKQTALAELVKHKPKATAEQLKTMDDFAQFLDTCCAADKDTCFSTEGPNLVTRCKDALAGGGGSHHHHHH--

LS-mCXCL1²⁵⁻⁹⁶-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

MRVPAQLLGLLLLLWLPGARCA**APIANELRCQCLQTMAGIHLKNIQSLKVLPSGPHCTQTEVIATLKNGREACLDPEAPLVQKIVQKMLKGVPK**GGGGS**GGGG**
SEAHKSEIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTCVADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTKQEPERNE
CFLQHKDDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQCCAEADKESCLTPKLDGVKEKALVSSVRQRMKCS
SMQKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLECADDRAELAKYMCENQATISSKLQTCCKPLLKKAHCLSEVEHDTMPADL
PAIAADFVEDQEVCKNYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACYGTVLAEFQPLVEEPKNLVKTNCDLYEKLGEYGF
QNAILVRYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSEHVTKCCSGSLVERRPCFSALTVDETYVPKEFKA
ETFTFHSDICTLPEKEKQIKKQTALAELVKHKPKATAEQLKTMDDFAQFLDTCCAADKDTCFSTEGPNLVTRCKDALAGGGGSHHHHHH--

LS-mCXCL2²⁸⁻¹⁰⁰-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

MRVPAQLLGLLLLLWLPGARCA**AVVASELRCQCLKTLPRVDFKNIQSLSVTPPGPHCAQTEVIATLKGQKVCCLDPEAPLVQKI**IQKILNKGKANGGGGS**GGG**
GSEAHKSEIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTCVADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTKQEPERN
ECFLQHKDDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQCCAEADKESCLTPKLDGVKEKALVSSVRQRMKC
SSMQKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLECADDRAELAKYMCENQATISSKLQTCCKPLLKKAHCLSEVEHDTMPAD
LPAIAADFVEDQEVCKNYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACYGTVLAEFQPLVEEPKNLVKTNCDLYEKLGEYG
FQNAILVRYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSEHVTKCCSGSLVERRPCFSALTVDETYVPKEFK
AETFTFHSDICTLPEKEKQIKKQTALAELVKHKPKATAEQLKTMDDFAQFLDTCCAADKDTCFSTEGPNLVTRCKDALAGGGGSHHHHHH--

LS-mCXCL3²⁸⁻¹⁰⁰-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

MRVPAQLLGLLLLLWLPGARCAVVASSELRCQCLNTLPRVDFETIQSLTVPPTPGPHCTQTEVIATLKDGOEVCLNPQGPRLQIIKKILKSGKSSGGGSGGGG
GSEAHKSEIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTCVADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTKQEPERN
ECFLQHKDDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQCCAEADKESCLTPKLDGVKEKALVSSVRQRMKC
SSMQKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLECADDRAELAKYMCENQATISSKLQTCCKPLLLKKAHCLSEVEHDTMPAD
LPAIAADFVEDQEVCKNYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACYGTVLAEFQPLVEEPKPNLVKTNCDLYEKLGEYG
FQNAILVRYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSEHVTKCCSGSLVERRPCFSALTVDETYVPKEFK
AETFTFHSDICTLPEKEKQIKKQTALAELVKHKPKATAEQLKTMDDFAQFLDTCCKAADKDTCFSTEGPNLVTRCKDALAGGGGSHHHHHH--

LS-mCXCL4³⁰⁻¹⁰⁵-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

MRVPAQLLGLLLLLWLPGARCVTSAGPEESDGLSCVCVKTISSGIHLKHITSLEVIKAGRHCAPVQLIATLKNGRKICLDRQAPLYKKVIKKILES
GGGSGSEAHKSEIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTCVADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTKQEP
ERNECFLQHKDDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQCCAEADKESCLTPKLDGVKEKALVSSVRQR
MKCSSMQKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLECADDRAELAKYMCENQATISSKLQTCCKPLLLKKAHCLSEVEHDTM
PADLPAIAADFVEDQEVCKNYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACYGTVLAEFQPLVEEPKPNLVKTNCDLYEKL
EYGFQNAAILVRYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSEHVTKCCSGSLVERRPCFSALTVDETYVPK
EFKAETFTFHSDICTLPEKEKQIKKQTALAELVKHKPKATAEQLKTMDDFAQFLDTCCKAADKDTCFSTEGPNLVTRCKDALAGGGGSHHHHHH--

LS-mCXCL5⁴⁸⁻¹¹⁸-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

MRVPAQLLGLLLLLWLPGARCATELRCVCLTVTPKINPKLIANLEVIAPGPQCPTVEVIAKLKNQKEVCLDPEAPVIKKIIQKILGSDKKKAGGGSGGGGS
EAHKSEIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTCVADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTKQEPERNEC
FLQHKDDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQCCAEADKESCLTPKLDGVKEKALVSSVRQRMKC
MQKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLECADDRAELAKYMCENQATISSKLQTCCKPLLLKKAHCLSEVEHDTMPADLP
AIAADFVEDQEVCKNYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACYGTVLAEFQPLVEEPKPNLVKTNCDLYEKLGEYGFQ
NAILVRYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSEHVTKCCSGSLVERRPCFSALTVDETYVPKEFKAE
TFTFHSDICTLPEKEKQIKKQTALAELVKHKPKATAEQLKTMDDFAQFLDTCCKAADKDTCFSTEGPNLVTRCKDALAGGGGSHHHHHH--

LS-mCXCL7⁴⁸⁻¹¹³-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

MRVPAQLLGLLLLLWLPGARCIELRCRCTNTISGIPFNSISLVNVYRPGVHCADVEVIATLKNQKTCLDPNAPGVKRIVMKILEGYGGGSGGGGSEAHKS
EIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTCVADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTKQEPERNECFQHK
DDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQCCAEADKESCLTPKLDGVKEKALVSSVRQRMKC
SSMQKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLECADDRAELAKYMCENQATISSKLQTCCKPLLLKKAHCLSEVEHDTMPADLPAIAAD

FVEDQEVCKNYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACYGTVLAEFQPLVEEPKNLVKTNCDLYEKLGEYGFQNAILV
RYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSEHVTKCCSGSLVERRPCFSALTVDETYVPKEFKAETFTFH
SDICTLPEKEKQIKKQTALAELVKHKPKATAEQLKTMDDFAQFLDTCCKAADKDTCFSTEGPNLVTRCKDALAGGGGS**HHHHHH**--

LS-mCXCL9²²⁻¹²⁶-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

MRVPAQLLGLLLLLWLPGARCTLVIRNARCSCISTSRGTIHYKSLKDLKQFAPSPNCNKTEIIATLKNGDQTCLDPDSANVKKLMKEWEKKISQKKKQKRGK
KHQKNMKNRKPKTPQSRRRSRKTTGGGSGGGGSEAHKSEIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTCVADESAANCDKSLH
TLFGDKLCAIPNLRENYGELADCCTKQEPERNECFLQHKDDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQC
CAEADKESCLTPKLDGVKEKALVSSVRQRMKCSSMQKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLECADDRAELAKYMCENQA
TISSKLQTCCKPLLKKAHCLSEVEHDTMPADLPAIAADFVEDQEVCKNYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACY
GTVLAEFQPLVEEPKNLVKTNCDLYEKLGEYGFQNAILVRYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSE
HVTKCCSGSLVERRPCFSALTVDETYVPKEFKAETFTFHSDICTLPEKEKQIKKQTALAELVKHKPKATAEQLKTMDDFAQFLDTCCKAADKDTCFSTEG
PNLVTRCKDALAGGGGS**HHHHHH**--

LS-mCXCL10²²⁻⁹⁸-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

MRVPAQLLGLLLLLWLPGARCIPLARTVRCNCIHIDGVPVRMRAIGKLEIIPASLSCPRVEIIATMKKNDEQRCLNPESKTIKNLMKAFSQKRSKRAPGGGG
SGGGGSEAHKSEIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTCVADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTKQEP
ERNECFLQHKDDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQCCAEADKESCLTPKLDGVKEKALVSSVRQ
RMKCSSMQKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLECADDRAELAKYMCENQATISSKLQTCCKPLLKKAHCLSEVEHDT
MPADLPAIAADFVEDQEVCKNYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACYGTVLAEFQPLVEEPKNLVKTNCDLYEKL
GEYGFQNAILVRYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSEHVTKCCSGSLVERRPCFSALTVDETYVP
KEFKAETFTFHSDICTLPEKEKQIKKQTALAELVKHKPKATAEQLKTMDDFAQFLDTCCKAADKDTCFSTEGPNLVTRCKDALAGGGGS**HHHHHH**--

LS-mCXCL11²²⁻¹⁰⁰-(Gly₄Ser)₂-mouse SA-(Gly₄Ser)-His₆

MRVPAQLLGLLLLLWLPGARCFLMFKQGRCLCIGPGMKAVKMAEIEKASVIYPSNGCDKVEVIVTMKAHKRQRCLDPRSKQARLIMQAIEKKNFLRRQNMG
GGSGGGGSEAHKSEIAHRYNDLGEQHFKGLVLIAFSQYLQKCSYDEHAKLVQEVTDFAKTCVADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTK
QEPERNECFLQHKDDNPSLPPFERPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQCCAEADKESCLTPKLDGVKEKALVSSV
RQRMKCSSMQKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLECADDRAELAKYMCENQATISSKLQTCCKPLLKKAHCLSEVEH
DTMPADLPAIAADFVEDQEVCKNYAEAKDVFLGTFLYEYSRRHPDYSVSLLLRLAKKYEATLEKCCAEANPPACYGTVLAEFQPLVEEPKNLVKTNCDLYE
KLGEYGFQNAILVRYTQKAPQVSTPTLVEAARNLGRVGTKCCTLPEDQRLPCVEDYLSAILNRVCLLHEKTPVSEHVTKCCSGSLVERRPCFSALTVDETY
VPKEFKAETFTFHSDICTLPEKEKQIKKQTALAELVKHKPKATAEQLKTMDDFAQFLDTCCKAADKDTCFSTEGPNLVTRCKDALAGGGGS**HHHHHH**--