

SUPPLEMENTARY TABLE S1. cDNA AND PROTEIN SEQUENCES OF IFN- λ 4 ORTHOLOGS

Ortholog	cDNA/protein sequence
Human	<p>cDNA: <u>ATGCGGCCGAGTGTCTGGGCCGACAGTGGCCGCGGGGCTGTGGGTCCTGTGCACGGTGATCGCAGCGGC</u> CCCCCGGCGCTGCCTGCTCTCGCACTACCGCTCGCTGGAGCCCCGGACGCTGGCGGGCTGCCAAGGCG CTGAGGGACCGCTACGAGGAAGAGGCGCTGAGCTGGGGGACGCGCAACTGCTCCTTCCGCCCCAG GAGGGATCCTCCGCGGCCATCGTCTGCGCTCGGCTCCGCCACGTGGCCCCGGGGCATCGCGGACGCC CAGGCAGTGCTCAGCGGCCTGCACCGCTCGGAGCTGCTCCCCGGCGCCGGCCGATCCTGGAGCTG CTGGCGCCGCGGGGAGGGATGTGGCGGCCTGCCTTGAGCTGGCACGGCCAGGCTCCTCCAGGAAG GTCCCCGGGGCCAGAAGAGGCGTCAAAACCCGAGAGCGGACTCGCCTCGGTGCCGCAAAGC CAGCGTGGTCTTCAACCTCCTGCGCCTGCTACGTGGGAGCTCCGGCTGGCTGCA- CACTCTGGGCCTGCCTCTGA</p> <p>Protein: MRPSVWAAVAAGLWVLCTVIAAAPRRCLLSHYRSLEPRTLAAAKALRDRYEEEEALSWGQRNCSFRPRRD PPRSSCARLRHVARGIADAQAVLSGLHRSELLPGAGPILELLAAAGRDVAACLELARPGSSRKVPGAQK RRHKPRRADSPRCRKASVVFNLLRLLTWELRLAAHSGPCL*</p>
Chimp	<p>cDNA: <u>ATGCGGCCGAGTGTCTGGGCCGACAGTGGCCGCGGGGCTGTGGGTTCTGTGCACGGTGGTTCGACGCGGC</u> CCCCCGGCGCTGCCTGCTCTCGCACTACCGCTCGCTGGAGCCCCGGACGCTGGCGGGCTGCCAAGGC GCTGAGGGACCGCTACGAGGAAGAGGCGCTGAGCTGGGGGACGCGCAACTGCTCCTTCCGCCCCAG GAGGGATCCTCCGCGGCCGCTGCTCCTGCGCTCGGCTCCGCCACGTGGCCCCGGGGCATCGCGGACGCC CAGGCAGTGCTCAGTGGCCTGCACCGCTCGGAGCTGCTCCCCGGCGCCGGCCGATCCTGGAGCTGC TAGCGGCCGCGGGGAGGGATGTGGCGGCCTGCCTTGAGCTGGCACGGCCAGCCCCCTCCAGGAAGG TCCCCGGGGCCAGAGGAGGCGTCAAAACCCGAGAGCTGACTCGCCTCGGTGCCGGAAGCCAG CGTGATCTTCAACCTCCTGCGCCTGCTACGTGGGAGCTCCGGCTGGCTGCACACTCAGGGCCTTG CCTCTGA</p> <p>Protein: MRPSVWAAVAAGLWVLCTVVAAPRRCLLSHYRSLEPRTLAAAKALRDRYEEEEALSWGQRNCSFRPRRD PPRSSCARLRHVARGIADAQAVLSGLHRSELLPGAGPILELLAAAGRDVAACLELARPPSRKVPGAQR RRHKPRRADSPRCREASVVFNLLRLLTWELRLAAHSGPCL*</p>
Orangutan	<p>cDNA: <u>ATGCGGCCGAGTGTCTGGGCCGACAGTGGCCGCGGGGCTGTGGGTCCTGTGCACGGTGGTTCGACGCGG</u> CCCCCAGCGCTGCCTGCTCTCGCACTACCGCTCGCTGGAGCCCCGGACGCTGGCGGGCGGTCAA GGCGCTGAGGGACCGCTACGAGGAAGAGGCGCTGAGCTGGGGACCGCGCAACTGCTCCTTCCGCC CAGGAGGGATCCTCCGCGGCCGCTGCTCCTGCGCTCGGCTCCGCCACGTGGCCCCGGGGCATCGCGGA CGCCAGCCGCTGCTCAGCGGCCTGCACCGCCGAGCTGCTTCCCGCACCGTCCCGATCCTGGA GCTGCTGGCGCCGCGGGGAGGGATGTGGCGGCCTGCCTTGAGCTGGCACGGCCAGGCTCCTCCAG GAAGGTCCCCGGGGCCAGAGGAGGCGTCAAAACCCGCGGAGAGCTGACTTGCCTCGGTGTCGCG AAGCCAGCGTGGTCTTCAACCTCCTGCGCCTGCTACGTGGGAGCTCCGGCTGGCTGCACACTCT GGGCCTTGCCCTCTGA</p> <p>Protein: MRPSVWAAVAAGLWVLCTVVAAPQRCLLSHYRSLEPRTLAAVKALRDRYEEEEALSWGPRNCSFRPRRD PPRSSCARLRHVARGIADAQAVLSGLHRPELLPGTVPILLELLAAAGRDVAACLELARPGSSRKVPGAQR RRHKPRRADLPRCREASVVFNLLRLLTWELRLAAHSGPCL*</p>
Rhesus	<p>cDNA: <u>ATGCGGCCGAGTGTCTGGGCCGCGGTGGCCGCGGGGCTGTGGGTCCTGTGCACGGTGGTTCACAGCGG</u> CCCCCGGCGCTGCCTGCTCTCGCACTACCGCTCGCTGGAGCCCCGGACGCTGGCGGGCGGCCAAG GCGCTGAGGGACCGCTACGAGGAAGAGGCGCTGAGCTGGGGAGCCACGCAACTGCTCCTTCCGCC CAGGAGGGATCCTCCGCGGCCGCTGCTCCTGCGCTCAGCTCCGCCACGTGGCCCCGGGGCATCGCG GACGCCAGGCCGCTGCTCAGCGGCCTGCACCGCCGAGCTGCTCCCCGGCGCCGGCCGATCCTG GAGCTGCTGGCGGCCGCGGGGAAGGGCGTGGCGGCCTGCCTCGAGCTGTCACGACCAGACTCCTC CAGGAAGGTCCCCGGGGCCCGAGGAGGCGTCAAAACCCGCGGAGAGCTGACTCGCCTCGGTG TCGCGAAGTCAGCGTGATCTTCAACCTCCTGCGCCTGCTACGTGGGAGCTCCGACTGGTTGCGCAC TCCGGCCCTGCCTCTGA</p> <p>Protein: MRPSVWAAVAAGLWVLCTVVAAPRRCLLSHYRSLEPRTLAAAKALRDRYEEEEALRWEPRNCSFRPRRD PPRSSCAQLRHVARGIADAQAVLSGLHRPELLPGAGPILELLAAAGKGVAAACLELRPDSRRKVPGAPR RRHKPRRADSPRCREASVVFNLLRLLTWELRLVAHSGPCL*</p>
Marmoset	<p>cDNA: <u>ATGCGGCCAAGTGTGCGCGGCCGCGGTGGCTGCGGGGCTGTGGGTCCTGTGCACGGTGGGTGCGGCGGC</u> CCCCCGGCGCTGCCTGCTCTCCCACTACCGCTCGCTGGAGCCCCGGACGCTGGCAGCGGCCAAGGC GCTGAGGGACCGCTACGAGGAAGAGGCGCTGAGCTGGGGTTCGCGCAACTGCTCCTTCCAGCCAG GAGGGATCCTTTGCGGCCGCTGCTCCTGCGCTGGCTCCGACACGTGGCCCCGAGGCATAGCGGACGCC CAGGCGGTGCTCAGCCGCTGCACCGCCGAGCTGCTCCCCGGCGCCGGCCGATCCTGGAGCT GCTGGCGGCCGCGGGGAGGGACGTGGCGGCCTGTCTCGAGCTGGCCCCGGCCGACTCCTCCAG GAAGGTCCCCGGGGCCCGAGGAGGCGTCAAAACCCGCGGAGACCTGACTCGCCTCGGTGCCG GAAGCCGAGTGGTCTTCAACCTCCTGCGCCTGCTACGTGGGAGCTCCGGCTGGCGGCGCACTCA GGACCTTGCCCTCTGA</p> <p>Protein: MRPSVAAAVAAGLWVLCTVGAAPRRCLLSHYRSLEPRTLAAAKALRDRYEEEEALSWGSRNCSFHPR RDLRPPSSCAWLRHVARGIADAQAVLSRLHRPELLPGAGPILELLAAAGRDVAACLELARPDSSRKVPG APRRRHKPRRPDSPRCREARVVFNLLRLLTWELRLAAHSGPCL*</p>

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SUPPLEMENTARY TABLE S1. (CONTINUED)

<i>Ortholog</i>	<i>cDNA/protein sequence</i>
Cynomolgus	<p>cDNA: <u>ATGCGGCCGAGTGTCTGGGCCGCGGTGGCCCGGGGCTGTGGGTCTGTGCACGGTGGTCACAGCG</u> GCCCCCCGGCGCTGCCTGCTCTCGCACTACCGCTCGCTGGAGCCCCGGACGCTGGCGGGCGGCCAAGG CGCTGAGGGACCGCTACGAGGAAGAGGCGCTGAGATGGGAGCCGCGCAACTGCTCCTTCCGCC CAGGAGGGATCCTCCGCGGCCGTCGCTCCTGCGCTCAGCTCCGCCACGTGGCCCCGGGGCATCGCGGAC GCCAGGCCGTGCTCAGCGGCCTGCACCGCCGGAGCTGCTCCCCGGCGCCGCCGATCCTGGAG CTGCTGGCGGCCGCGGGGAAGGACGTGGCGGCCTGCCTCGAGCTGTACAGACCAGGCTCCTCCAG GAAGTCCCCGGGGCCCCGAGGAGGCGTCACAAACCGCGGAGAGCTGACTCGCCTCGGTGTCGCG AAGTCAGCGTGATCTCAACCTCCTGCGCCTGCTCACGTGGGAGCTCCGACTGGTTGCCCACTCT GGGCCTTGCCCTGA</p> <p>Protein: MRPSVWAAVAAGLVVLTCTVVTAAAPRRCLLSHYRSLEPRTLAAAKALRDRYEEALRWEPRNCSFRPRRD PPRSSCAQLRHVARGIADAQAVLSGLHRPELLPGAGPILELLAAAGKDVAAACLESRPGSSRKVPGAPR RRHKPRRADSPRCREVSIVFNLLRLLTWELRLVAHSGPCL*</p>
Dog	<p>cDNA: <u>ATGGGGCCGCGGGGCGCAGCCGCGGTGGCCGTGGCGCTGTGGGTGCTGGTGGCGGGCGGGCGACGCGG</u> CGGAGCCTGGCGCGGCGACGCCCGGGCGCTGCCTCCTGTGCACTACCGCTCGCTGGACCCCAGGG CGTGGCGGCCGTC AAGGCGCTGCGGGACCGCTACGAGGAGGCCACGCTGAGCTGGCGGCCGCG AACTGCTCCTTCCGCCCCGAGGAGGGATCCTCCGCGGCCCTGGTTCGTGCGCGCGCCTCCGCCGGGT GGCCCGGGCCTGGAGGACGCCAGGCCGTGCTGAGCCGCTGCGGAGCCCCGAGAGGTTGCCCGG CACCGCCCCGACCTGGAGCTGCTGGCGGGCGCGCGGGGACGCTGGGGGCCCTGCCTCGAGCTGGC CCGGCCAGGCTCCCGGGGCAAGTCCGTGCGGCCACCGAGGAGGCGTCCCCAGAGCGGAGAGCT GACTCGCCTCGGTGCCACGAAGCCAGCGTGATCTCAACCTCCTGCGCCTGCTCACGAGGGACCTGA GGCTGGTGGCGGACTCCGGGCCCTGTCTCTGA</p> <p>Protein: MGPRGAAVAVALWVLVAAGDAAEPGAATPRRCLLSHYRSLDPRALAAVKALRDRYEEATLSWRPRNC SFRPRRDPPRPWSCARLRRVARGLEDAQAVLSRLRSPERLPGTPTLELLAAARRDVGACLELARPGSR GKSVRPPRRRQRRRADSPRCHEASVIFNLLRLLTRDLRLVADSGPCL*</p>
Panda	<p>cDNA: <u>ATGGGACCGACGGGCGCAGCCGCGGTGGCCGTGGCGCTGTGGGTCTTGGTGACGGAGGGCGAGGCG</u> GCGGACCCTGGCGTGGCGACGCCCGGGCGCTGCCACCTGTCACTACCGCTCGCTGGACCCCAG GCGCTGGCGGCCGTC AAGGCGCTGAGGGACCGCTACGAGGACGAGACGCTGAGCTGGAGGCCGCG CAACTGCTCCTTCCGCCAAGGAAGGATCCTCCGCGGCCCTGGTTCGTGTGCGCGCCTCCGCTTCC TAGTCCGGAGCCTAGCGGACGCCAGGCCGCTGCTGAGCCGCTGCCGAGCCCCGAGCGGTTCCCGG GCACCCGCCCGACCTGGAGCTGCTGGCGGGCGCGGGGACGCTGGGGCCTGCCTGGAGCT GTTCCGGCCGGGCTCCTGGAGGAAGTCCCTGCGGCCACCGAGGAGGCGTCCCCAAACACGGAGAG CTGACTCGCCTCGGTGCTACGAAGCCAGCGTCATCTTACGCTCCTGCGCCTGCTCACGTGGGACCTG AAGCTGGTGGCGAGCTCGGGGCCCTGTCTCTGA</p> <p>Protein: MGPTGAAVAVALWVLVTEGEAADPGVATPRRCHLSHYRSLDPRALAAVKALRDRYEEATLSWRPRNCS FRPRKDPRPWSCARLRFVVRSLADAQAVLSRLRSPERFPGTRPTLELLAAARRDVGACLELVRPGSWRK SLRPPRRRQTRRADSPRCYEASVIFNLLRLLTWDLKLVASSGPCL*</p>
Elephant	<p>cDNA: <u>ATGGGCTCGAACGTCGGTGGCCGCGGTGGCCGTGGGGCTGTGGGTCTTGGTGACCGTGGGCGTGGCAGC</u> GGAGCCAGTCTGCAGGAGCCCCGACCCTGCCTCCTGTCACTATCGTCTGCTGGACCCCAGGGG GCTGGCGCGGTC AAGGCGCTGAGGGACCGCTACGAGGAAGAGGCGCTGAGGTGGGGGCCGCG CAACTGCTCCTTCCGCTCCGAAGAAGGAGCCGCCAGGCCCGCTCCTGTGCGCGGCTCCGCTGTG GTGGCGCGGCGCCTCGCGACGCCAGGCACTGCTGAGCAGCCTGCGCAGCCTGGAGCTGCTCCC CCGGACCCGCCCGACCTGGAGCTGCTGGCGGGCGCAGGGCGCGACGCTGGGGGCCCTGCCTGGAGC TGGTTCGGCCGGGCTGGTCCAGGAAGTCCCTCCGACCAAGGAGGCCACAAAGCACGGAGAG CTGAATCGCCTCAGTGGCGGAACCCAGGTCATCTTCAATCTCCTGCGCCTGCTCACGTGGGACCT CAGGCTGGTGGCACTTTCGGGGCCTTGCGTCTGA</p> <p>Protein: MGSNVGA AVAVGLWVLVTGVAAEPVVQEPRLLSHYRSLDPGALAAVKALRDRYEEALRWGPRNC SFRLRRREPPRPASCARLRVVARGLADAQAVLSRLRLELLPGTRRTLELLAAAGRDVGACLELVRPGWS RKSLRPPRRRHKARRAESPOCREPTVIFNLLRLLTWDLRLVALSGPCV*</p>
Pig	<p>cDNA: <u>ATGGGACACGTTGGCACAGCCGCGGTGGCTATGGGACTGTGGGTCTTGTGACGGCGGCTTTCGCGTTG</u> GACCTGAAGACGTTGGTGGTGGCCGGTGCCTGCGTCTCTCTACTACCGCTCCCTGGACCCCTCAG GCGCTGGTGGCCGTC AAGGCGCTGAGGGACCACTATGAGGAAGAGACGCTGAGCTGGAGGCCACG CAACTGCTCCTTCCGCTTGGAGGAGGCCCTCCGCGCCATCGTCTGTGCGCGGCTCCGCTGGT GCCCGCGGCTCGCCGACGCCAGGCCGCTGAGCAGCCTGCCGAGCCCCGAGCTGTTCCCCCG CGTCCGCCCCGACCTGGAGCTGCTGGCGGGCGCGGGGACGCTGGCGGCTGTCTGGAGCTGGTC CAGCCAGGCTCCGGGAGGAAGTCCCTGCGGCCGCCAGGAGGCGTCACAGAGCTGTGAGTGGAGAC TCGCCTCGGTGCCACGAAGCCACCGTCATCTTCAACCTGCTGCGGCTTCTCGCGTGGGACCTGCGG CTGGTGGCGCATTCGGGGCCTTGCTCTGA</p> <p>Protein: MGPRGTA AVAVMGLWVFTAVFALDPEDVVVPGRCVLSHYRSLDPQALVAVKALRDHYEEETLSWRPRN CSFRLRRDPPPPSCARLRLVARGLADAQAVLSLSPPELFPVGPTELLAAARRDVAACLELVQPGS GRKSLRPPRRRHRAVSGDSPRCHEATVIFNLLRLLAWDLRLVAHSGPCL*</p>

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SUPPLEMENTARY TABLE S1. (CONTINUED)

<i>Ortholog</i>	<i>cDNA/protein sequence</i>
Megabat	<p>cDNA: <u>ATGGGGCCGAGGGGCGCAGTCGCGGTGACCGTGGGGCTGTGGGTCTTGGCGACGGTGGCGGGGACC</u> ACGGCGAGGCTAAGCCCGGGCGCTGCCTCCTCTCGCACTACCGTTCGCTGGACCCAGGGCGCTGG AGGCCGTCAAGGCGCTGAGGGACCGCTACGAGGACGAGACGCTAAACTGGAGGCCGCGCAACTGC TCCTCCGCCCAAGGAGGGATCCTCCGAGCCCCTCGACCTGCGCGCGGGTCCGCCTGGTGGCGCG GGGCCTGGCCGACGCCAGGAGGTGCTGAGCAGCTTGCCGAGCCCCGAGCTGTACCCCGGCGTCAT CTCGACCCCTGGAAGTCTGGCCGCGGTGCGGCCGGGACGTGGCCGTCTGCCTGCAGCTGGCGCGGC CAGGCTCCTGGAGGAAGTCCCTCCGGCCCCCAGGAGGCGTCGCCAAAGGGGGAGGCCTGACTCGC CTCGGTGCCACGAAGCCACCGTCATCTTCAACCTTCTGCGCCTGCTCGCGTGGGACCTGAGGCTGG TGGCGCACTCCGGACCTTGCCTCTGA</p> <p>Protein: MGPRGAVAVTVGLWVLATVAADHGEAKPGRCLLSHYRSLDPRALEAVKALRDRIYEDETLNWRPRNCSFR PRRDPPSPSTCARLRLVARGLADAQEVLSLSPPELYPGVISTLELLAAVRRDVAVCLQLARPGSWRKS LRPPRRRRQRGRPDSPRCHEATVIFNLLRLLAWDLRLVAHSGPCL*</p>
Cow	<p>cDNA: <u>ATGGGGCAGA GTGGCACAGC CGCAGCGGTC GTGGGATTGT GGGTCTTGGT GACTGTGGGT</u> <u>GTAGCTGCCA ACCCCAACGT GACTGAGCCT CAGCGCTGCC TCCTCTCACA CTATCGCTCC</u> TTGGACCCCC GGGCGTGTCT GGCTGTCAAG GCGTGAGGG ACCACTATGA AGAAGAGACG CTGAGCTGGG GGCCCAAAA CTGCTCGATC CGCCGAAGA GGAACCCTCC CCGGCCGTCG TCCTGTGCGA TGCTCCGCCG GATGGCCCGC GACCTCGCCG ACGCCAGGC CGTGCTGAGC AGCCTGCCGA GCCCCGAGCT CTCCCCGGC GTCGGGCAGA CCCTGGAGCT GCTGGCGGCC GCGGGGCGG ACGTGGCGGC CTGCCTCGAG CTGGCCCGC CAGGCTCCTG GAGGAGGTCC CCGCGGCGGC CCGGGAGGCG TCCCAAGACT CGCCGAGCTG TGAGTGGAGA GTCGCCTCGA TGCCACGAAG CCACCGTCAT CTCCACCTC CTGCGCCTGC TCGCGTGGGA CCTGCGGCTG GTGGCGCACG CGGGGCCTTG TCTGTGA</p> <p>Protein: MGQSGTAAAVVGLWVLVTGVAAANPNVTEPQRCLLSHYRSLDPRALLAVKALRDHYEETLSWGPQNC SIRPKRNPSPSSCAMLRRMARDLADAQAVLSLSPPELFPVGGQTLELLAAAGRDVAACLELARPGSWR RSPRRPGRRPKTRRAVSGESPRCHEATVIFHLLRLLAWDLRLVAHAGPCL*</p>