```
                    6610      6620      6630      6640      6650      6660      6670      6680      6690      6700      6710
                    |         |         |         |         |         |         |         |         |         |         |
1 Cattle            ttaaccatcc aaacaaatcg tataataaaa a-gttttatg atttccagag tttttgaact ag---gagat caaattccat ttatgttcaa atatattaca acacatacag
2 Cattle2           ttaaccatcc aaacaaatcg tataataaaa a-gttttatg atttccagag tttttgaact ag---gagat caaattccat ttatgttgaa atatattaca acacatgcag
3 Chicken           ct-----ttg aaac---tgt gaaattacgt acgctaggc- attgccaaca tccatatact -g---tacaa ctg--taca- ----gaccac atatatcaca ac--atg-ag
4 Human             ttaaccatcc aaacaaatca tacaagaaa- --gttttatg atttccagag tttttgagct agaaggagat caaattacat ttatgttcct atatattaca acatcggcga
5 Catfish           -------tcc cgac------ ---------- -cg------- -tttcc---- --cct---ct ----ggactt c--------t tcatg----- ---------- acac------
6 Bream             tt-----ttc agac---ttt ttgac-acaa ccgatccacc agttcca--g tgcttctcct -g-----cag caa--caca- ----gtgca- ataga----a ac--cag-ag
7 Pig_mRNA          ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ----------

                    6720      6730      6740      6750      6760      6770      6780      6790      6800      6810      6820
                    |         |         |         |         |         |         |         |         |         |         |
1 Cattle            gtgaatgaaa gcaattctcc ttgtcttctg gtgaattaaa ggagtatgct ttaaaatcta tttctttaca gtttcactta atatttacag aaaaatctat atgtagtatt
2 Cattle2           gtgaatgaaa gcaattctcc ttgtcttctg gtgaattaaa ggagtatgct ttaaaatcta tttctctaca gtttcactta atatttacag aaaaatctat atgtagtatt
3 Chicken           ctgca-gaat gtgaacttaa agacagtaga gttaccta-- agggctggct ttgaaa-c-a acggac-aaa g---aagcta caatcaaaat caccggattt aacaa--atg
4 Human             ggaaatgaaa gcgattctcc ttgagttctg atgaattaaa ggagtatgct ttaaagtcta tttctttaaa gttttgttta atatttacag aaaaatccac atacagtatt
5 Catfish           ---------- ---------- ---------- ---------- --------ct ttcaa----- ---------- ---------- ---------- ----------
6 Bream             ---ta-gag- gccacaatca agcccg-acc ttcccgcagc agcgctg-ct ttca---c-a tccggc-aca g---ctctca cctttttctt t-cctcctgt ga--a--atc
7 Pig_mRNA          ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ----------

                    6830      6840      6850      6860      6870      6880      6890      6900      6910      6920      6930
                    |         |         |         |         |         |         |         |         |         |         |
1 Cattle            ggtaaaatgc agtattgtta tataccatta tttgaaacat ccttaaacac ttgaatttat attgtatgat agcatac-tt ggtaagatga gattccacaa aa-tagggat
2 Cattle2           ggtaaaatgc agtattgtta tataccatta tttgaaacat ccttaaacac ttgaatttat attgtatgat agcatac-tt ggtaagatga gattccacaa ag-tagggat
3 Chicken           ggtttcttac actgt-gagg gaatc-aata ttc-agtcat tc--agacac aaatttatat gcagttttc- aacatatgtt ggtaa----- ------tcaa a---ag---t
4 Human             ggtaaaatgc aggattgtta tataccatca ttcgaatcat ccttaaacac ttgaatttat attgtatggt agtatac-tt ggtaagataa aattccacaa aaatagggat
5 Catfish           ---------- ---------- ----ccatta t-----ccat gctaatac-- ---------- --tgt----- ---------- -gcaatatgc aatagaacca gaatag----
6 Bream             t-tagctcga agtca-gatg gatgc-agga a-c-acacac ac--acacac acaaacacaa aca----ca- aacacacac- ---aa----- ------acac a---cg---t
7 Pig_mRNA          ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ----------

                    6940      6950      6960      6970      6980      6990      7000      7010      7020      7030      7040
                    |         |         |         |         |         |         |         |         |         |         |
1 Cattle            ggcacaacgt acgcaagtta ccattcctat actgattgat acagtacatt aacagttttt gccaatggtg ctaatacaat aggctgaatg gctgatgtta tcaggtttat
2 Cattle2           ggcacaccat acgcaggtta ccattcctat actgattgat acagtacatt aacagttttt gccaatggtg ctaatacaat aggctgaatg gctgatgtta tcaggtttat
3 Chicken           aa-gctcctt -ctcctctga --ggacagaa ggagcgggct a---ttaaat ca-acttctt caca-----g ctaca----- ---cttaata ttgtattta- -cag------
4 Human             ggtgcagcat atgcaattt- ccattcctat tataattgac acagtacatt aacaatccat gccaacggtg ctaatacgat aggctgaatg tctgaggcta ccaggtttat
5 Catfish           ----cagc-- aagcaaggag ccatcc---- --------ac acagcac--- --cgcttcct ctca------ ---------- ---ctgact- tcttat---- tc--gttt--
6 Bream             gccggacctt -gggag-tga --atgtagat agaaattatt a---tccaga aa-actt-tt ctc------g tcctt----- ---cgtcgtc tcgg-tgtt- -ctg------
7 Pig_mRNA          ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ----------

                    7050      7060      7070      7080      7090      7100      7110      7120      7130      7140      7150
                    |         |         |         |         |         |         |         |         |         |         |
1 Cattle            caagcaaaaa acgttcagga aagtaataag tttctccttt cttcaggtgc attttcacac tcctccctat gggcaatgga tgttctatag agaaagaaaa ctcattctcc
2 Cattle2           caagcaaaaa acattcagga aagtaataag tttctccttt cttcaggtgc attttcacac tcctccctat gggcaatgga tgttctatag agaaagaaaa ctcattttcc
3 Chicken           ----caaaat atatactggt aacgtata-- ---caccact acacattacc a---ccagaa tcatcct--t gaacacttga --atatatag t----gcaga gtta---tga
4 Human             cacataaaaa acattcagta aaatagtaag tttctctttt cttcaggggc attttcctac acctccaaat gaggaatgga ttttctttaa tgtaagaaga atcatttttc
5 Catfish           -acgc----- ---------- ----tata-- ----tcc--- --------gc atct------ ---------t ggg------ ---------- ---------- gtca------
6 Bream             ----c----g ct---ctgtc catttata-- ---ca----- aaacatgccg a---c-aga- ttatact--c gtacgccatc --tccgatcg t---agccga --ca---tgc
7 Pig_mRNA          ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ----------

                    7160      7170      7180      7190      7200      7210      7220      7230      7240      7250      7260
                    |         |         |         |         |         |         |         |         |         |         |
1 Cattle            tagaggtcta cattcaattc tgtagcatac ttggagtagc tgcattg--- -aaaaggcag tcaaaaagta ttcattttgg tcaaaatttc aaaat----- ----------
2 Cattle2           tagaggtcta cattcaattc tgtagcatac ttggagaagc tgcattg--- -aaaaggcag tcaaaaagta ttcattttgg tcaaaatttc aaa------- ----------
3 Chicken           ta-agatgaa -attccacgt aaatggacaa atcctgaagt t--------- ---agggatg gtatagtgta tttag----- -cagtgtttc ca-------- ----------
4 Human             tagaggttgg ctttcaattc tgtagcatac ttggagaaac tgcattatct taaaaggcag tcaaatggtg tttgttttta tcaaaatgtc aaaataacat acttggagaa
5 Catfish           --gaggtc-- ---------- --------ac atgga----- tgtattg--- ---aagg--- ----aatgta at-------g cc---ggttc ga-------- -cttggagaa
6 Bream             -a-agct--- -attacactt tttt---c-- -tgct-aagc t--------- ---atg--tg tt----tgtg ataat----- -catttgttc aa-------- ----------
7 Pig_mRNA          ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ----------
```