```
                 10        20        30        40        50        60        70        80        90       100       110
                  |         |         |         |         |         |         |         |         |         |         |
1 Cattle         a--------- ---------- ---------- ------gat- ---------- ---------- ---------- ---tca---- --------ct g--------- ----------
2 Cattle2        -ct------- tggaatac-- ------agta ---------- ---------- ---------- ---taaaag- ---------- ---attcact g--------- ----------
3 Chicken        actatttctg tgtaatatta gagttaagta gctcatgata ttccttaaaa atacctctcc tactaaaagt ctctcagtat ctaatttgct gcccaggatt ttgctgacta
4 Human          a--------- ---------- ---------- ------gat- ---------- ---------- ---------- ---tca---- --------ct g--------- ----------
5 Catfish        cc-----c-- ---aatattc ccagcaggt- gatcagcaga g-----agag agacacacag gagagatagc gagacag--- -------aca gag-agaaat tgagagac-a
6 Bream          ---------- ---------- ---------- ------gat- ---------- ---------- --------gc ctgtcagtgt ---------- -----gg--- -----gact-
7 Pig_mRNA       a--------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ----------

                120       130       140       150       160       170       180       190       200       210       220
                  |         |         |         |         |         |         |         |         |         |         |
1 Cattle         ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- --------gt gt-------- ----------
2 Cattle2        ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- --------gt gt-------- ----------
3 Chicken        ggcaaacttg ctttacttaa taagcgtcca cacttcagta atgaattttg atactagagg gtccaatagt tagcacttat agtcacacgt gtacaaaatg tttattcctg
4 Human          ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- --------gt gt-------- ----------
5 Catfish        gacaacagag agatatagag acagagac-a gag---agag agagatatag aga---gaca gacagagaga gagagatagt agtgagac-- --agagagag ---atagaga
6 Bream          ---------- ------ttaa t------cca aacc-cagt- ---------- ---ccag--- --cc------ --gcgc---- -gtcac---- gtcca----- ---------g
7 Pig_mRNA       ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ----------

                230       240       250       260       270       280       290       300       310       320       330
                  |         |         |         |         |         |         |         |         |         |         |
1 Cattle         ---------- --------gg caa------- ---------- ---------- ---------- ---------- gttg------ ---------- ---------- ----------
2 Cattle2        ---------- --------gg caa------- ---------- ---------- ---------- ---------- gttg------ ---------- ---------- ----------
3 Chicken        ctcacctagt acctatcagg aaaacctatc atgattttct gaaatctgag ctgcttaatg cacgtgaact gttgaacaag catggattcc tcgtgtttgc aatgtattta
4 Human          ---------- --------gg caa------- ---------- ---------- ---------- ---------- gttg------ ---------- ---------- ----------
5 Catfish        gacacagag- agaga-caga gagagacata gagagagaca gacaga-gag ------agtg tctctcatat gtc-aacata tgtgtagggc atatgttgg- ---gt-tttt
6 Bream          caca------ acccaac-gg a-------tc tt---tttct t--------- ---cttaa-- ------aac- ---------- ---------- ---------- ----------
7 Pig_mRNA       ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- -------tgc aa--------

                340       350       360       370       380       390       400       410       420       430       440
                  |         |         |         |         |         |         |         |         |         |         |
1 Cattle         ---------- ---------- ---------- ---tctctca gactgggc-- --aggca--- ---------- ---------- ---------- ----------
2 Cattle2        ---------- ---------- ---------- ---tctctca gactg----- ---ggcag-- ---------- gc-------- -------at- -taa------ ----------
3 Chicken        ttatgtattt ttttcccctc ctcctaacag aaatccctca gaattttcct tgaggtagta caaactttca gccacaatag tgatagaatc ctaaaggaac cctaaaagag
4 Human          ---------- ---------- ---------- ---tctctca gactgtac-- --atgca--- ---------- ---------- ---------- ---------- ----------
5 Catfish        ttctgtgtgt gtgtg----- ----tgag-g taat---gca gaatg--cca aca-gcagga tatattgt-- ---------g ggtttggat- -taaacatgc tctttaa---
6 Bream          ---------- ---------- ---------- ---------- ---------- ---------- caaactttca --cacctta- -gagagaatg c--------- ----------
7 Pig_mRNA       ---------- ---------- ---------- ---------- ---------- ---------- -aaact---- ---------- ---------- ---------- ----------

                450       460       470       480       490       500       510       520       530       540       550
                  |         |         |         |         |         |         |         |         |         |         |
1 Cattle         ---------- ---------- ---------- ---------- ----ttaa-c gt-------- ---------- ---------- --------tt gg-------- ----------
2 Cattle2        ---------- ---------- ---------- cgtt------ ---------- ---------- ---------- ---------- ---------t gg-------- ----------
3 Chicken        agctctgcct caattcatag tccaactatg cgttcagtgt atatttaaga atgatagtgc tgtcttccag cactgctgcc catagtactt ggaaatatat cctttcagta
4 Human          ---------- ---------- ---------- ---------- ----ttaa-a at-------- ---------- ---------- --------tt tg-------- ----------
5 Catfish        ---tttcttt gaatacat-g tt-aactatt c--------- -tatgaaaca ctg---gagc ggtagtgtag tggtagttgc -agtgtaggt ggtagtg--- -------gta
6 Bream          a--tccgtct ca-------- ---------- ---------- ---------- --gattgtgc tctat----- -----ct--- --tag--ctt g--------- -ct-------
7 Pig_mRNA       ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ----------

                560       570       580       590       600       610       620       630       640       650       660
                  |         |         |         |         |         |         |         |         |         |         |
1 Cattle         ---------- ---------- ---------- ---------- ------cttg gcgttactca aaagc----- ---------- ---------- -----aa--- ----------
2 Cattle2        ---------- ---------- ---------- ---------- ------cttg gcgttactca aaagc----- ---------- ---------- -----aa--- ----------
3 Chicken        tgtgaagacg tatcctctac gaagccacca gataaatcag ttcacccttg gctgtaatca aatgctgtct agtgacttgt gatcgacagg gctttaacct ctgacagcta
4 Human          ---------- ---------- ---------- ---------- ------cttg gcattactca aaagc----- ---------- ---------- -----aa--- ----------
5 Catfish        -gtggagcgg tagt-tgtat gtag------ ---------- --------tg gcagtgtt-a ttgggagtgt agtgg----- gagtggtag- --tgta---- gtgg-agct-
6 Bream          ---------- ---------- ---------- gatt-----g tt-----ttg g--------- ------gtcc agt-agtttt gagcga---- ------aca- -----ag--a
7 Pig_mRNA       ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ---------- ----------
```