Electronic Supplementary Material (ESI) for Analyst.
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(A)

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SP|P02001|HBAD_CHICK -MLTAEDKKLIQQAWEKAASHQEEFGAEALTRMFTTYPQTKTYFPHFDLSPGSDQVRGHG 59
SP|P01994|HBA_CHICK  MVLSAADKNNVKGIFTKIAGHAEEYGAETLERMFTTYPPTKTYFPHFDLSHGSAQIKGHG 60
SP|P0CH26|HBA2_CAPHI MVLSAADKSNVKAAWGKVGSNAGAYGAEALERMFLSFPTTKTYFPHFDLSHGSAQVKGHG 60
SP|P60529|HBA_CANLF  -VLSPADKTNIKSTWDKIGGHAGDYGGEALDRTFQSFPTTKTYFPHFDLSPGSAQVKAHG 59
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SP|P02001|HBAD_CHICK KKVLGALGNAVKNVDNLSQAMAELSNLHAYNLRVDPVNFKLLSQCIQVVLAVHMGKDYTP 119
SP|P01994|HBA_CHICK  KKVVAALIEAANHIDDIAGTLSKLSDLHAHKLRVDPVNFKLLGQCFLVVVAIHHPAALTP 120
SP|P0CH26|HBA2_CAPHI EKVAAALTKAVGHLDDLPGTLSDLSDLHAHKLRVDPVNFKLLSHSLLVTLACHHPSDFTP 120
SP|P60529|HBA_CANLF  KKVADALTTAVAHLDDLPGALSALSDLHAYKLRVDPVNFKLLSHCLLVTLACHHPTEFTP 119
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SP|P02001|HBAD_CHICK EVHAAFDKFLSAVSAVLAEKYR 141
SP|P01994|HBA_CHICK  EVHASLDKFLCAVGTVLTAKYR 142
SP|P0CH26|HBA2_CAPHI AVHASLDKFLANVSTVLTSKYR 142
SP|P60529|HBA_CANLF  AVHASLDKFFAAVSTVLTSKYR 141
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(B)

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SP|P02077|HBBA_CAPHI -MLTAEEKAAVTGFWGKVKVDEVGAEALGRLLVVYPWTQRFFEHFGDLSSADAVMNNAKV 59
SP|P02078|HBBC_CAPHI ----MPNKALITGFWSKVKVDEVGAEALGRLLVVYPWTQRFFEHFGDLSSADAVLGNAKV 56
SP|P60524|HBB_CANLF  VHLTAEEKSLVSGLWGKVNVDEVGGEALGRLLIVYPWTQRFFDSFGDLSTPDAVMSNAKV 60
                        :*: ::*:*.**:*****.*******:*********: *****: ***:.****

SP|P02077|HBBA_CAPHI KAHGKKVLDSFSNGMKHLDDLKGTFAQLSELHCDKLHVDPENFKLLGNVLVVVLARHHGS 119
SP|P02078|HBBC_CAPHI KAHGKKVLDSFSNGVQHLDDLKGTFAELSELHCDKLHVDPENFRLLGNVLVIVLARHFGK 116
SP|P60524|HBB_CANLF  KAHGKKVLNSFSDGLKNLDNLKGTFAKLSELHCDKLHVDPENFKLLGNVLVCVLAHHFGK 120
                     ********:***:*:::**:******:****************:******* ***:*.*.

SP|P02077|HBBA_CAPHI EFTPLLQAEFQKVVAGVANALAHRYH 145
SP|P02078|HBBC_CAPHI EFTPELQAEFQKVVAGVASALAHRYH 142
SP|P60524|HBB_CANLF  EFTPQVQAAYQKVVAGVANALAHKYH 146
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