**Figure S3. Alignment of nucleotide sequences corresponding to *fabp3a* and *fabp3b*.**

1 50

fabp3a\_NM\_001123578 (1) -----------------------ATGGCTGAGGCATTCGCAGGCACATGG

fabp3b\_BT050105 (1) CATTTCTCCACACTACTGCTAACATGGCTGAGGCATTCGCAGGCACATGG

51 100

fabp3a\_NM\_001123578 (28) AACCTGAAGGACAGCAAGAACTTTGATGAATACATGAAGGCTCTGGGTGT

fabp3b\_BT050105 (51) AACCTGAAGGAGAGCAAGAACTTTGATGAATACATGAAGGCCCTGGGTGT

101 150

fabp3a\_NM\_001123578 (78) GGGCTTTGCGACACGCCAGGTTGGCGGTATGACCAAGCCCACCACCATCA

fabp3b\_BT050105 (101) GGGCTTTGCAACCCGCCAGGTTGGCAGTATGACTA**AACCCACCACCATCA**

151 200

fabp3a\_NM\_001123578 (128) TCGAGGTAGCTGGAGACACAGTCACTCTGAAGACACAGAGCACTTTCAAG

fabp3b\_BT050105 (151) **TTGAG**GTAGCAGGAGACATGGTCACTCTGAAGACACAGAGCACCTTCAAG

201 250

fabp3a\_NM\_001123578 (178) AACACCGAGATCTCCTTCAAACTAGGAGAAGAGTTCGACGAGACCACCGC

fabp3b\_BT050105 (201) AACACAGAGATCAACTT**CAAACTGGGAGAGGAGTTCG**ACGAGACCACCGC

251 300

fabp3a\_NM\_001123578 (228) TGACGACAGGAAAGTCAAGTCCCTAATAA**CGATAGACGGTGGTAAGATG**G

fabp3b\_BT050105 (251) CGACGACAGGAAGGTCAAGTCCCTAATAACGGTGGACGGTGGTAAGATGG

301 350

fabp3a\_NM\_001123578 (278) TTCACGTGCAAAAGTGGGACGGCAAGGAGACCACTCTGGTTCGCGAAGTC

fabp3b\_BT050105 (301) TTCACGTGCAGAAGTGGGACGGCAAGGAGACCACTCTGGTCCGTGAAGTC

351 400

fabp3a\_NM\_001123578 (328) AGCGGCAACGCCCTCGAACGTACTCTG**ACTCTGGGTGACGTCGTCTC**CAC

fabp3b\_BT050105 (351) AGCGGCAACGCCCTCGAACTGACACTGACTCTTGGTGATGTCATCTGCAC

401 450

fabp3a\_NM\_001123578 (378) ACGCTCCTACGTCAAGGCCGAGTGAAAGCTTATCACTATGTAACAGCCC-

fabp3b\_BT050105 (401) ACGCTCCTACATCAAGGCCGAGTAACAACGTC-CGCCAAAAAAAACTCCA

451 500

fabp3a\_NM\_001123578 (427) --------------------------------------------------

fabp3b\_BT050105 (450) CTATCCTTTACCACACCTGCCAAAATAACAACAACCCTTCACCCTTAACC

501 550

fabp3a\_NM\_001123578 (427) --------------------------------------------------

fabp3b\_BT050105 (500) CCGATCCCCACTGTAACGACCTCTAACCCCTGTCTGACCTCTAAACCCCG

551 600

fabp3a\_NM\_001123578 (427) --------------------------------------------------

fabp3b\_BT050105 (550) ACCCCTTCTATGTTGTCCCGTCCTTCTCTTTGTAGTGCTTCTCCTTTGTA

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601 650

fabp3a\_NM\_001123578 (427) --------------------------------------------------

fabp3b\_BT050105 (600) TGAAACACTGAATAAATTCCACTGACGTTTATTTTCTTCTCTAAAGCCTT

651 700

fabp3a\_NM\_001123578 (427) --------------------------------------------------

fabp3b\_BT050105 (650) CCTGAGTTCTTCTCTGTCAGTCACCTCACAATCCCCATGACAACAGTCAG

701 750

fabp3a\_NM\_001123578 (427) --------------------------------------------------

fabp3b\_BT050105 (700) AACACCTACACCAGAGACTCTACTTTCATCAAACCACAGGGGTTTGCCAC

751 800

fabp3a\_NM\_001123578 (427) --------------------------------------------------

fabp3b\_BT050105 (750) TGGCCTGGAGAAAACTCAGTGAATCTACTAACTCTGTGTAGCAACCATTT

801 850

fabp3a\_NM\_001123578 (427) --------------------------------------------------

fabp3b\_BT050105 (800) TGTGCCAAATGGCTCATCACGTGTTACAGTTGTAGCAGCCATCTGGGTGG

851 900

fabp3a\_NM\_001123578 (427) --------------------------------------------------

fabp3b\_BT050105 (850) GTTATGGCAGCCATTTTGTGCCAAGTTGAGATCTGAGGCTGTTGTAGGGG

901 950

fabp3a\_NM\_001123578 (427) --------------------------------------------------

fabp3b\_BT050105 (900) AAGCAGCACATGTCTCCTCAGACGGATCAAAGCTGCTCTATATTCTGCTG

951 1000

fabp3a\_NM\_001123578 (427) --------------------------------------------------

fabp3b\_BT050105 (950) ACAGAAAAGGGTGTGTGTAGGCAGTGCGTGTGCGTATTGTTGGATTCGGG

1001 1050

fabp3a\_NM\_001123578 (427) --------------------------------------------------

fabp3b\_BT050105 (1000) ATAAACTTTGAACATTGAGATATTATTAAAGACATGATAGATCAGACGCA

1051 1100

fabp3a\_NM\_001123578 (427) --------------------------------------------------

fabp3b\_BT050105 (1050) TAGTATATAAAGGATTGAGAAGGTAATGGTTCTCTGTAGTAAGACAACTA

1101 1150

fabp3a\_NM\_001123578 (427) --------------------------------------------------

fabp3b\_BT050105 (1100) AGCTTGGAATGCATTGAGTGCAGGGAAAACAATAGCATGTGACAGTACTG

1151 1200

fabp3a\_NM\_001123578 (427) --------------------------------------------------

fabp3b\_BT050105 (1150) ATAAGGGGAGAAACCGTTGAAGGCTAATATCACTTAGTTCCCTGCTTAGC

1201 1250

fabp3a\_NM\_001123578 (427) --------------------------------------------------

fabp3b\_BT050105 (1200) AAGAATGATGCAATGTTTAGAGATACGGAGGAGACTCCACCAAAAGTGGG

1251 1300

fabp3a\_NM\_001123578 (427) --------------------------------------------------

fabp3b\_BT050105 (1250) GTATGAATACTACCACGGGGGAAGCCATGTCGGTGTCTGAATTACAGCTG

1301 1339

fabp3a\_NM\_001123578 (427) ---------------------------------------

fabp3b\_BT050105 (1300) AAACAACCCTTTGGGAAGAATTAAACGTAGATAAGATTC