	TTTTATGTGGTGATTATTT
700	- 722
- 780	ATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
- 720	- 711 - 678 TTTTTGGTACGAGAGATATTAAAATGTAGAATATTATAGTAACGTTAGGGAAAGTTTGTA
- 660	- 623 - 605 AATTTATGAGAATAAAATGAAGTGTAATTTATGTTTTCGGTATTAGTTTAATTTTCGAAA
- 600	- 585 TTTTGTGTTAGGTTTCGTAGGAATTTTTTATATGATTTTATGTTATTTTTTTT
- 540	GTTTTATGATATTTAAATATATTTTTTAGGTTGTAGTTATTTTTT
- 480	AGTTGGG CG TTTTATATATGTTGGGTAAATATTTTTATTATTGAGTTAAATTTTTT
- 420	- 394 GAGTTTTATTTTT <u>TATTGATAATTTCGATTTTTGTGG</u> AAAAGGATATTTTTGGAGTGGTG
- 360	GGTGGTATAGTTTGTATATTGAAGGATATTTAGTTTAGGAGTAGGTTAGGGGTGTTTTTT
- 300	TGAGTTTTGTGTTTTTTTTTGGAGATTTATTTGTTTATAAATTTTTGATTAGT
- 240	TTAGTAGGTTTGGTGTTAGTTTAGAGGTTTAGGATGGTTATGGTTTATTA
- 180	GTATTGGGGATATGTTTTGTGGTGGAGTTTGGAGTAAGTATTTGTTATTGAGGAG
- 120	- 84 - 76 - 65 AGTTTTATTTGGTTTTTGAGTAGATATTGGATTTGCGGTAAAACGTTTTTTTT
- 60	- 31 TGGGAGGAGTTAGTATAGGTTTGGGGTTCGGTTTTAGTAGTTTTTTTT
	GATGTTTTT 3'

Figure S3. Sequence of the 5' regulatory region of rat *Fads2*. CpG dinucleotides are indicated by bold text. Numbers above the text indicate the locations relative to the transcription start site (bases) of individual CpG dinucleotides which were measured by pyrosequencing. Underlined text indicates the location of a putative estrogen receptor response element. Arrow marks the transcription start site.