

supplementary Fig.1

The IR-1 promoter sequence within the FNDC5 gene

5'-GGCTATAAAAAGGAAACTTCCTATTCTAAATGGGTACCCGGGGCTGGCTTGGGCACCTGCAGCCTG
AGTTAGGTGCTGAGACTCTGGACACGCAGGAGGGTCCAAATGCTGGTGACCCCATAGGTGTCAATGT
GTAAGTGACCGGCCAGCCCTCAAGGGGGTCTCTGTGGAGTCCTCCAAATGAAGCCAGTGAGTGCAGC
TTGGGAGGACAGAGGGCGCACCCCTTAGTCCCTACCCAGGTCTCATGGTTTCACTCATTCTTTCAGTCT
GTGTTTCCAGAATATTACACAGGGCCTGGTCCATAATAGGTGCTCAATAAACATATGATGGAAGAATG
ATTTTTTTTCCATACAGTCAACAATCATTTAATGAGCCCCAACTGCATCGTAAGCCTTGCGCTAAGGGA
TGGGGTACATAAAGTGGCTGGGTTTTTTTTGAGATGGAGTCTTCTCTGTCACCCAGGCTGGAATGCAGT
GGTGTGCTCAGTCACTGAAACCTCTGCATCCCAGGTTCAAATGATTCTCATGCCTCAGCCTCCAGAGT
AGCTGGGATTACAGGCACACACCACCATGCCCGGCTAATTTTGTATTTTTAGTAGAGACGGGGTTTCA
CCATGTTGGCCAGGCTGGTCTCGAACTCCTGACCTC**AGGTGATCCACC**ACCTCGGACTCCCACAGTGC
TGGGATTACAGGCGTGAGCCAGCGCCCTGGCCTGCAGTGGCTGCTTCTGACAGCTCCCTCCCAAGTTC
ACCCAGGGCTCCACTAAATCCTCCCAGCCAGCTCTCACTGGCTGCCAGATTCCAGGCACCAGGGCTTT
CCCCAGAATTAAGGCCCAAGCACCCATGCATCATGAGGACTGAGAAGGCTGTACCCCCACAGTCAC
AACTCTCCAAATCCTCCAAGCCCCCTCCTTCAGCCGCCTTCTCTCTCAAGCCCTCAGGCACTGCCATCT
CCTCCCTCCCAATGCCCTACATCTATCTAGGTTTTACCCAAAGAGGCCAGCAGATGGCGCCAAGGTTCC
CCTTCCCCAGCGCTGGACTGGAGGCCAAGACCCACCAGGACCCTCCCTCCTTTTCTCCCTGCAGGG
ACGGGAGTAGATTCTGTGTCTCTAACTGAACCCTCTCCTTCCTGCTGGTTCCT-3'