

NcoI**C/EBPbeta****AP-1**

GS -416 CTAGGGGAAGGGGGTTTTGGCCATGGACCTTATTTTATTTTCGTGATTGCCTCACTCAT
 RS -416 CTAGGGGAAGGGGGTTTTGGCCATGGACCTTATTTTATTTTCGTGATTGCCTCACTCAT
 HS -416 CTAGGGGAAGGGGGTTTTGGCCATGGACCTTATTTTATTTTCGTGATTGCCTCACTCAT
 CFS -416 CTAGGGGAAGGGGGTTTTGGCCATGGACCTTCTTCTTTATTTTCGTGATTGCCTCACTCAT
 AFS -416 CTAGGGGAAGGGGGTTTTGGCCATGGACCTTCTTCTTTATTTTCGTGATTGCCTCACTCAT
 CSL -416 CTAGGGGAAGGGGGTTTTGGCCATGGACCTTCTTCTTTATTTTCGTGATTGCCTCACTCAT

STATx

GS ATTATCCCTGAGGCCCTCTTTGTTCTGAAGTAGGCTGGGGACATCCTGTTCCTAGAAA
 RS ATTATCCCTGAGGCCCTCTTTGTTCTGAAGTAGGCTGGGGACATCCTGTTCCTAGAAA
 HS ATTATCCCTGAGGCCCTCTTTGTTCTGAAGTAGGCTGGGGACATCCTGTTCCTAGAAA
 CFS ATTACCTCTGAGGCCCTCTTTGTTCTGAAGTAGGCTGGAGACATCCTGTTCCTAGAAC
 AFS ATTACCTCTGAGGCCCTCTTTGTTCTGAAGTAGGCTGGAGACATCCTGTTCCTAGAAC
 CSL ATTACCTCTGAGGCCCTCTTTGTTCTGAAGTAGGCTGGAGACAACCTGTTCCTAGAAC

GS CAAATCTACAAGAAACAAAAGTACAAAAAGCCAAATGGGAAGAGATTCATGTTTGA AAC
 RS CAAATCTACAAGAAACAAAAGTACAAAAAGCCAAATGGGAAGAGATTCATGTTTGA AAC
 HS CAAATCTACAAGAAACAAAAGTACAAAAAGCCAAATGGGAAGAGATTCATGTTTGA AAC
 CFS CAAATCTACAAGAAACAAAAGTACAAAAAGCCAAATGGGAAGAGATTCATGTTTGA AAC
 AFS CAAATCTACAAGAAACAAAAGTACAAAAAGCCAAATGGGAAGAGATTCATGTTTGA AAC
 CSL CAAATCTACAAGAAACAAAAGTACAAAAAGCCAAATGGGAAGAGATTCATGTTTGA AAC

Sox5

GS TCTGGGCAGAAAACAACTTGTATGGACTAGAGATTAGGGGAGGAGTAGGAAAAACAGG
 RS TCTGGGCAGAAAACAACTTGTATGGACTGGAGATTAGGGGAGGAGTAGGAAAAACAGG
 HS TCTGGGCAGAAAACAACTTGTATGGACTAGAGATTAGGGGAGGAGTAGGAAAAACAGG
 CFS TCTGGGCAGAAAACAACTTGTATGGACTAGAGATTAGGGGAAGAGTAGGAAAAATGGG
 AFS TCTGGGCAGAAAACAACTTGTATGGACTAGAGATTAGGGGAAGAGTAGGAAAAATGGG
 CSL TCTGGGCAGAAAACAACTTGTATGGACTAGAGATTAGGGGAAGAGTAGGAAAAATGGG

Milk Box

GS GTAAAAGTACGGAAGGAAGTTTGGCAGGCTTAGTGTTCGTGTTGGCATGACCAGTCTC
 RS GTAAAGTACGGAAGGAAGTTTGGCAGGCTTAGTGTTCGTGTTGGCATGACCAGTCTC
 HS GTAAAAGTACGGAAGGAAGTTTGGCAGGCTTAGTGTTCGTGTTGGCATGACCAGTCTC
 CFS GTAAAAGTACGGAAGGAAGTTTGGCAGGCTTAGTGTTCGTGTTGGCATGACCAGTCTC
 AFS GTAAAAGTACGGAAGGAAGTTTGGCAGGCTTAGTGTTCGTGTTGGCATGACCAGTCTC
 CSL GTAAAAGTACGGAAGGAAGTTTGGCAGGCTTAGTGTTCGTGTTGGCATGACCAGTCTC

Introduced STAT5 site T→A

GS TCTTCATCTTCTTCTGGATGTAGGGCTTGGTGCCAGGGCCCTGAGGCTTCTCCACAA
 RS TCTTCATCTTCTTCTGGATGTAGGGCTTGGTGCCAGGGCCCTGAGGCTTCTCCACAA
 HS TCTTCATCTTCTTCTGGATGTAGGGCTTGGTGCCAGGGCCCTGAGGCTTCTCCACAA
 CFS CTCTTCTTCTTCTTCTGGATGTAGGGCTTGGTGAGGGCCCTGAAGCTTCTCCACAA
 AFS TCTTCTCTTCTTCTTCTGGATGTAGGGCTTGGTGTTAGGGCCCTGAAGCTTCTCCACAA
 CSL TCTTCTCTTCTTCTTCTGGATGTAGGGCTTGGTGTTAGGGCCCTGAAGCTTCTCCACAA

TATA Box

GS ATAAAAAGGAGGTGAAGCTGTGTGGTGCCCCATTTCAGGTTCTTGGGGGCAGCCAAAATG
 RS ATAAAAAGGAGGTGAAGCTGTGTGGTGCCCCATTTCAGGTTCTTGGGGGCAGCCAAAATG
 HS ATAAAAAGGAGGTGAAGCTGTGTGGTGCCCCATTTCAGGTTCTTGGGGGCAGCCAAAATG
 CFS AGAAAAAGGAGGTGAAGCTGTGTGGTGCCCCATTTCAGGTTTGGGGGCAGCCAAAATG
 AFS AGAAAAAGGAGGTGAAGCTGTGTGGTGCCCCATTTCAGGTTTGGGGGCAGCCAAAATG
 CSL AGAAAAAGGAGGTGAAGCTGTGTGGTGCCCCATTTCAGGTTTGGGGGCAGCCAAAATG

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