Таблица S7. Фрагменты Hind III, находящиеся в контакте с промоторной областью гена *KLF5* и общие для клеток Capan2 и MIA PaCa2

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Фрагмент HindIII на хромосоме 13 | Функциональные элементы\* | H3K27Ac\*\* | H3K4me1\*\* | H3K4me3\*\* | Ген | Транскрипция, FPKM (Capan2/MIA PaCa2) |
| 73333942-73335865 | - | 0 | 0 | 0 | *DIS3*, exon17-19 | 8.24/7.25 |
| 73364812-73368457 | - | 0 | 231/0 | 0 | *PIBF1*, intron 2 | 14.2/5.33 |
| 73368457-73369652 | - | 0 | 0 | 0 | *PIBF1*, intron 3 | 14.2/5.33 |
| 73465116-73467787 | - | 0 | 0 | 0 | *PIBF1*, intron 10 | 14.2/5.33 |
| 73477721-73485387 | - | 0 | 0 | 0 | *PIBF1*, intron 11-12 | 14.2/5.33 |
| 73485387-73496766 | - | 0 | 190/0 | 0 | *PIBF1*, intron 12-13 | 14.2/5.33 |
| 73539291-73543970 | - | 0 | 0 | 0 | *PIBF1*, intron 15 | 14.2/5.33 |
| 73544828-73549832 | - | 167/0 | 709/0 | 0 | *PIBF1*, intron 15-16 | 14.2/5.33 |
| 73549832-73550741 | - | 0 | 0 | 0 | *PIBF1*, intron 16 | 14.2/5.33 |
| 73592545-73599370 | - | 0 | 288/0 | 0 | - | - |
| 73708623-73710241 | - | 1268/0 | 1275/0 | 0 | - | - |
| 73710241-73715289 | Enhancer | 3100/0 | 3162/0 | 72/0 | - | - |
| 73771805-73774904 | Enhancer | 3100/0 | 647/0 | 0 | - | - |
| 73783898-73789189 | Enhancer | 3100/0 | 3100/0 | 0 | - | - |
| 73805078-73823297 | Endometrial cancer SNP rs11841589 | 221/0 | 802/0 | 0 | - | - |
| 73849096-73854227 | CTCF enriched | 0 | 107/0 | 0 | - | - |
| 74095872-74099962 | - | 1097/0 | 679/0 | 0 | - | - |
| 74102204-74105867 | - | 0 | 0 | 0 | - | - |
| 74110479-74113861 | - | 0 | 80/0 | 0 | - | - |
| 74113861-74116676 | - | 1788/0 | 1116/0 | 0 | - | - |
| 74130134-74133305 | - | 0 | 0 | 0 | - | - |
| 74266135-74269830 | - | 0 | 0 | 0 | *KLF12*, exon 8 | 2.26/0.04 |
| 74270122-74272982 | - | 3100/0 | 175/0 | 0 | *KLF12*, intron 7 | 2.26/0.04 |
| 74288571-74291701 | Enhancer | 837/0 | 1207/0 | 0 | *KLF12*, intron 6 | 2.26/0.04 |
| 74291701-74294569 | - | 51/0 | 1207/0 | 0 | *KLF12*, intron 6 | 2.26/0.04 |
| 74295236-74297159 | CTCF-enriched | 0 | 1092/0 | 0 | *KLF12*, intron 6 | 2.26/0.04 |
| 75899114-75902192 | Promoter | 0 | 0 | 0 | *TBC1D4*, intron 10 | 6.54/0.87 |
| 75902192-75903153 | Promoter | 0 | 0 | 0 | *TBC1D4*, intron 8 | 6.54/0.87 |
| 75909909-75912645 | - | 0 | 0 | 0 | *TBC1D4*, intron 8 | 6.54/0.87 |
| 75919641-75922540 | - | 0 | 0 | 0 | *TBC1D4*, intron 5 | 6.54/0.87 |
| 76009328-76012298 | - | 0 | 0 | 0 | *TBC1D4*, intron 1 | 6.54/0.87 |
| 76012298-76016124 | Enhancer | 0 | 150 | 0 | *TBC1D4*, intron 1 | 6.54/0.87 |
| 76020688-76025831 | - | 0 | 0 | 0 | *TBC1D4*, intron 1 | 6.54/0.87 |
| 76043035-76048711 | - | 0 | 0 | 0 | *TBC1D4*, intron 1 | 6.54/0.87 |
| 76051567-76054491 | Promoter flank | 0 | 239/0 | 3100/0 | *TBC1D4*, intron 1 | 6.54/0.87 |
| 76056653-76061748 | Promoter | 2051/569 | 239/150 | 3100/3100 | - |  |
| 76061748-76066262 | - | 222/0 | 351/0 | 0 | - |  |
| 76066262-76072286 | - | 0 | 0 | 0 | - |  |
| 76081586-76093646 | - | 0 | 0 | 0 | - |  |
| 76135782-76136692 | - | 0 | 0 | 0 | *UCHL3*, intron 3 | 28.9/18.9 |
| 76154073-76157318 | - | 0 | 0 | 0 | *UCHL3*, intron 6 | 28.9/18.9 |
| 76165156-76172930 | - | 0 | 0 | 0 | *UCHL3*, intron 6-7 | 28.9/18.9 |

\*Потенциальные функциональные элементы в соответствии с сегментами хроматина по данным Hoffman et al, 2013, Nucleic Acids Res, 41, 827-841

\*\*Максимальный уровень модификации (относительное обогащение) гистона Н3 во фрагменте. Через косую черту приведены данные для Capan2/MIA PaCa2.