Таблица S6. Фрагменты Hind III, находящиеся в контакте с промоторной областью гена *KLF5* и специфичные для клеток Capan2

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Фрагмент HindIII на хромосоме 13 | Функциональные элементы, содержащиеся во фрагменте\* | H3K27Ac\*\* | H3K4me1\*\* | H3K4me3\*\* | Ген | Транскрипция, FPKM |
| 73327156-73327980 | - | 0 | 0 | 0 | *BORA*, intron 10 | 7.5 |
| 73327980-73329380 | - | 0 | 0 | 0 | *BORA*, intron 11 | 7.5 |
| 73454881-73465116 | - | 0 | 0 | 0 | *PIBF1*, intron 10 | 14.23 |
| 73468098-73470995 | - | 0 | 0 | 0 | *PIBF1*, intron 11 | 14.23 |
| 73496766-73497112 | - | 0 | 0 | 0 | *PIBF1*, intron 13 | 14.23 |
| 73775569-73777451 | - | 270 | 647 | 0 | - | - |
| 73793920-73805078 | CTCF enriched | 3100 | 756 | 0 | - | - |
| 73823800-73832266 | Enhancer | 221 | 322 | 0 | - | - |
| 73854227-73857129 |  | 0 | 0 | 0 | - | - |
| 73896602-73899902 | Enhancer | 1766 | 673 | 0 | - | - |
| 73899902-73900936 | Enhancer | 1766 | 673 | 0 | - | - |
| 73904331-73905802 | - | 0 | 0 | 0 | - | - |
| 73905802-73907760 | - | 0 | 0 | 0 | - | - |
| 73909003-73913511 | PDAC SNP rs4885093Enhancer | 3100 | 945 | 0 | - | - |
| 73918091-73919235 | PDAC SNP rs34829850 | 0 | 0 | 0 | - | - |
| 73924989-73937996 | PDAC SNP rs9573166, rs386772267 | 3100 | 2894 | 0 | - | - |
| 73940020-73942255 | Enhancer | 3100 | 2894 | 0 | - | - |
| 73978426-73979644 | - | 0 | 0 | 0 | - | - |
| 74058095-74060594 | - | 0 | 0 | 0 | - | - |
| 74080393-74083471 | - | 0 | 0 | 0 | - | - |
| 74083471-74085678 | - | 0 | 0 | 0 | - | - |
| 74099962-74101715 | - | 0 | 0 | 0 | - | - |
| 74254302-74255978 | - | 0 | 0 | 0 | - | - |
| 74257446-74261504 | **-** | 0 | 0 | 0 | *KLF12*, exon 8 | - |
| 74261504-74266135 | - | 0 | 0 | 0 | *KLF12*, exon 8 | 2.26 |
| 74277232-74285530 | CTCF enriched | 3100 | 1419 | 128 | *KLF12*, intron 7 | 2.26 |
| 74294569-74295236 | - | 0 | 1092 | 0 | *KLF12*, intron 6 | 2.26 |
| 74306055-74308080 | - | 0 | 0 | 0 | *KLF12*, intron 6 | 2.26 |
| 74709920-74715862 | Promoter/Enhancer | 3100 | 560 | 3100 | 5’ region of *KLF12* | - |
| 75872394-75880773 | - | 0 | 0 | 0 | *TBC1D4*, intron 15-17 | 6.54 |
| 75880773-75885486 | - | 0 | 0 | 0 | *TBC1D4*, intron 13-14 | 6.54 |
| 75885486-75886050 | - | 0 | 0 | 0 | *TBC1D4*, intron 13 | 6.54 |
| 75886050-75890105 | - | 0 | 0 | 0 | *TBC1D4*, intron 12-13 | 6.54 |
| 75892109-75892627 | - | 0 | 0 | 0 | *TBC1D4*, intron 12 | 6.54 |
| 75898421-75899114 | Promoter | 0 | 0 | 0 | *TBC1D4*, intron 10, exon 11 | 6.54 |
| 75905191-75909909 | - | 0 | 0 | 0 | *TBC1D4*, intron 8 | 6.54 |
| 75912645-75919641 | - | 0 | 0 | 0 | *TBC1D4*, intron 5-7 | 6.54 |
| 75922670-75941312 | CTCF enriched | 447 | 1629 | 168 | *TBC1D4*, intron 5 | 6.54 |
| 75944852-75945653 | - | 0 | 0 | 0 | *TBC1D4*, intron 1 | 6.54 |
| 75945780-75948109 | CTCF enriched | 0 | 0 | 0 | *TBC1D4*, intron 1 | 6.54 |
| 75948109-75953046 | - | 0 | 0 | 0 | *TBC1D4*, intron 1 | 6.54 |
| 75963648-75964789 | - | 0 | 0 | 0 | *TBC1D4*, intron 1 | 6.54 |
| 75964789-75968387 | - | 0 | 255 | 0 | *TBC1D4*, intron 1 | 6.54 |
| 75968387-75972160 | - | 0 | 0 | 0 | *TBC1D4*, intron 1 | 6.54 |
| 75979882-75981183 | - | 0 | 0 | 0 | *TBC1D4*, intron 1 | 6.54 |
| 75984344-75985181 | - | 0 | 0 | 0 | *TBC1D4*, intron 1 | 6.54 |
| 75985181-75989063 | - | 0 | 81 | 0 | *TBC1D4*, intron 1 | 6.54 |
| 75989063-75991974 | Enhancer | 207 | 3173 | 0 | *TBC1D4*, intron 1 | 6.54 |
| 75991974-75992662 | - | 0 | 3174 | 0 | *TBC1D4*, intron 1 | 6.54 |
| 75994771-75999152 | - | 0 | 0 | 0 | *TBC1D4*, intron 1 | 6.54 |
| 75999152-76000863 | - | 0 | 0 | 0 | *TBC1D4*, intron 1 | 6.54 |
| 76016124-76019813 | - | 0 | 0 | 0 | *TBC1D4*, intron 1 | 6.54 |
| 76049900-76051567 | - | 0 | 0 | 0 | *TBC1D4*, intron 1 | 6.54 |
| 76093646-76104400 | - | 0 | 0 | 0 | *COMMD6*, exon 3-5 | 18.35 |
| 76125003-76128339 | Promoter | 3183 | 1086 | 3100 | *UCHL3*, intron 2 | 28.9 |
| 76129188-76133043 | - | 0 | 96 | 0 | *UCHL3*, intron 2 | 28.9 |
| 76136692-76143235 | CTCF enriched | 0 | 0 | 0 | *UCHL3*, intron 3 | 28.9 |
| 76270815-76277076 | - | 3100 | 2735 | 0 | *LMO7*, intron 2 | 30.1 |
| 76292116-76294782 | - | 3100 | 1313 | 0 | *LMO7*, intron 3 | 30.1 |
| 76294782-76297628 | - | 3100 | 2640 | 91 | *LMO7*, intron 3 | 30.1 |
| 76297720-76299789 | Enhancer | 3100 | 2640 | 91 | *LMO7*, intron 3 | 30.1 |
| 76299789-76301175 | Enhancer | 3100 | 2640 | 0 | *LMO7*, intron 3 | 30.1 |
| 76306024-76308619 | - | 0 | 0 | 0 | *LMO7*, intron 4 | 30.1 |
| 76308619-76309940 | - | 0 | 0 | 0 | *LMO7*, intron 4 | 30.1 |
| 76336300-76339239 | Promoter/Enhancer | 3100 | 3100 | 3100 | *LMO7*, intron 5(1\*\*\*) | 30.1 |
| 76339528-76342754 | Promoter | 3100 | 3100 | 3100 | *LMO7*, intron 5(1\*\*\*) | 30.1 |

\*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

\*\*\*Вариант сплайсинга