Supplementary File 5: Discovered mutations in Exome regions as viewed in Integrated genome viewer. Mapping done with GRCh37- hg19

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| --- | --- | --- |
| **Gene** | **Non responders** | **Excellent responders** |
| NPNT | Screen Clipping | A screenshot of a computer  Description automatically generated |
| BMP3 | Screen Clipping | **A screenshot of a graph  Description automatically generated** |
| CHD4 | Screen Clipping | **Screen Clipping** |
| MAPK4 | Screen Clipping | **Screen Clipping** |
| TAF1C | Screen Clipping | **Screen Clipping** |
| INPP5D | Screen Clipping | **Screen Clipping** |
| ACP1 | Screen Clipping | **Screen Clipping** |
| LGR6 | Screen Clipping | **Screen Clipping** |
| HHAT | Screen Clipping | **Screen Clipping** |
| CHI3L1 | Screen Clipping | **Screen Clipping** |
| KHNYN | Screen Clipping | **Screen Clipping** |
| ZNF208 | Screen Clipping | **Screen Clipping** |
| MYH15 | Screen Clipping | **Screen Clipping** |
| RESF1 | Screen Clipping | **Screen Clipping** |
| BIRC2 | Screen Clipping | **Screen Clipping** |
| PM20D1 | Screen Clipping | **Screen Clipping** |
| CCDC18 | Screen Clipping | **Screen Clipping** |
| LOC101929058 | Screen Clipping | **Screen Clipping** |
| CXCR4;THSD7B | Screen Clipping | **Screen Clipping** |
| SERPINA13P | Screen Clipping | **Screen Clipping** |
| SNHG14 | Screen Clipping | **Screen Clipping** |
| NONE;CHEK2P2 | Screen Clipping | **Screen Clipping** |
| ACSM2B;ACSM1 | Screen Clipping | **Screen Clipping** |
|  | Screen Clipping | **Screen Clipping** |