

| Human retroposed sequences matching genes encoding glycolytic enzymes |                   |     |           |           |        |        |
|-----------------------------------------------------------------------|-------------------|-----|-----------|-----------|--------|--------|
| Parent Gene                                                           | Gene name         | Chr | Start     | End       | Strand | FL CDS |
| <i>HK2</i>                                                            | <i>HK2-rs1</i>    | X   | 79711597  | 79717193  | -      | Y      |
| <i>GPI1</i>                                                           | <i>GPI1-rs1</i>   | 3   | 53014814  | 53015169  | -      |        |
| <i>ALDOA</i>                                                          | <i>ALDOA-rs1</i>  | 10  | 127345239 | 127346612 | -      | Y      |
|                                                                       | <i>ALDOA-rs2</i>  | 3   | 52202205  | 52204044  | +      |        |
| <i>TPI1</i>                                                           | <i>TPI1-rs1</i>   | 1   | 76938028  | 76939260  | +      | Y      |
|                                                                       | <i>TPI1-rs2</i>   | 7   | 128483271 | 128484502 | +      | Y      |
|                                                                       | <i>TPI1-rs3</i>   | 4   | 48713051  | 48713961  | -      | Y      |
|                                                                       | <i>TPI1-rs4</i>   | 6   | 116466583 | 116467789 | +      | Y      |
| <i>PGK1</i>                                                           | <i>PGK1-rs1</i>   | X   | 67206648  | 67208343  | -      | Y      |
|                                                                       | <i>PGK1-rs2</i>   | 19  | 12531320  | 12533092  | -      | Y      |
| <i>PGAM1</i>                                                          | <i>PGAM1-rs1</i>  | 12  | 102948637 | 102950343 | +      | Y      |
|                                                                       | <i>PGAM1-rs2</i>  | 15  | 94784888  | 94786599  | -      | Y      |
|                                                                       | <i>PGAM1-rs3</i>  | 3   | 9365078   | 9366726   | -      | Y      |
|                                                                       | <i>PGAM1-rs4</i>  | 12  | 92557837  | 92559523  | -      | Y      |
|                                                                       | <i>PGAM1-rs5</i>  | 12  | 94590196  | 94591866  | +      | Y      |
|                                                                       | <i>PGAM1-rs6</i>  | 6   | 73821525  | 73823177  | +      | Y      |
|                                                                       | <i>PGAM1-rs7</i>  | X   | 77110148  | 77111803  | -      | Y      |
|                                                                       | <i>PGAM1-rs8</i>  | 11  | 91738423  | 91740066  | -      | Y      |
|                                                                       | <i>PGAM1-rs9</i>  | X   | 46390044  | 46391709  | -      |        |
|                                                                       | <i>PGAM1-rs10</i> | 9   | 35932321  | 35933832  | -      |        |
|                                                                       | <i>PGAM1-rs11</i> | 20  | 11549802  | 11551012  | +      |        |
|                                                                       | <i>PGAM1-rs12</i> | X   | 54715275  | 54717274  | +      |        |
|                                                                       | <i>PGAM1-rs13</i> | 11  | 64698204  | 64699538  | -      |        |
|                                                                       | <i>PGAM1-rs14</i> | 4   | 116903998 | 116905323 | -      |        |
|                                                                       | <i>PGAM1-rs15</i> | 13  | 59794725  | 59795890  | +      |        |
|                                                                       | <i>PGAM1-rs16</i> | 12  | 46570073  | 46570979  | -      | UTR    |
|                                                                       | <i>PGAM1-rs17</i> | 2   | 23948642  | 23949404  | -      |        |
|                                                                       | <i>PGAM1-rs18</i> | 1   | 10041994  | 10042676  | +      |        |
|                                                                       | <i>PGAM1-rs19</i> | 5   | 57492909  | 57493336  | +      |        |
|                                                                       | <i>PGAM1-rs20</i> | 8   | 108728816 | 108729137 | +      |        |
|                                                                       | <i>PGAM1-rs21</i> | 7   | 7410252   | 7410423   | -      | UTR    |
| <i>ENO1</i>                                                           | <i>ENO1-rs1</i>   | 1   | 234713027 | 234714826 | +      | Y      |
|                                                                       | <i>ENO1-rs2</i>   | 15  | 90765047  | 90765198  | -      |        |
|                                                                       | <i>ENO1-rs3</i>   | 15  | 90766554  | 90766652  | -      |        |
|                                                                       | <i>ENO1-rs4</i>   | 9   | 22053949  | 22054012  | -      | UTR    |
| <i>PKM2</i>                                                           | <i>PKM2-rs1</i>   | 1   | 114880051 | 114882605 | +      | Y      |
|                                                                       | <i>PKM2-rs2</i>   | 6   | 5917597   | 5919858   | +      | Y      |
|                                                                       | <i>PKM2-rs3</i>   | X   | 65634319  | 65636611  | +      | Y      |
|                                                                       | <i>PKM2-rs4</i>   | 8   | 76451507  | 76452423  | -      |        |
|                                                                       | <i>PKM2-rs5</i>   | 5   | 8779377   | 8780055   | +      |        |
|                                                                       | <i>PKM2-rs6</i>   | 6   | 86426308  | 86426934  | -      |        |