### Supplementary data Table S5

**Differential analysis of expression of the genes coding for the proteins identified in EV from FF, in bovine follicular cells**

Correction post-hoc : Benjamini-Hochberg, Tukey test pair-by-pir

| Genes      | p-value | Significance | TH     | GR     | CC     | Oo     |
|------------|---------|--------------|--------|--------|--------|--------|
| A2M        | 0,000   | yes          | 65,466 (b)| 3,266 (a)| 2,098 (a)| 0,260 (a)|
| ACTL7A     | 0,000   | yes          | 0,438 (b)| 6,519 (b)| 5,12 (a) | 0,218 (a)|
| ADPGK      | 0,000   | yes          | 31,081 (b)| 54,929 (c)| 169,217 (d)| 2,840 (a)|
| AKR1B1     | 0,000   | yes          | 247,502 (a)| 46,639 (ab)| 700,606 (b)| 1424 (c)|
| ALB        | 0,008   | yes          | 0,501 (b)| 0,581 (b)| 0,482 (ab)| 0,325 (a)|
| ALDH1L2    | 0,000   | yes          | 0,438 (b)| 0,519 (b)| 0,512 (b)| 0,218 (a)|
| ANXA2      | 0,000   | yes          | 436,571 (b)| 195,417 (a)| 85,542 (a)| 59,117 (a)|
| ANXA4      | 0,000   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| ANXA6      | 0,003   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| AP2A1      | 0,155   | no           | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| AP2B1      | 0,036   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| APOA1      | 0,051   | no           | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| APOA4      | 0,051   | no           | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| B4GALT4    | 0,000   | yes          | 565,844 (b)| 447,998 (b)| 297,803 (b)| 1,740 (b)|
| ATP1A      | 0,000   | yes          | 278,325 (c)| 155,328 (ab)| 130,638 (a)| 236,164 (bc)|
| ATP6V0D1   | 0,051   | no           | 15,736 (a)| 16,332 (a)| 30,850 (a)| 22,919 (a)|
| ATP6V1E1   | 0,038   | yes          | 84,153 (a)| 129,148 (ab)| 150,812 (ab)| 174,107 (b)|
| ATP7A      | 0,000   | yes          | 12,760 (a)| 24,661 (bc)| 29,095 (c)| 5,509 (a)|
| BLVRA      | 0,000   | yes          | 45,613 (b)| 5,565 (a)| 4,895 (a)| 0,242 (a)|
| BSG        | 0,025   | yes          | 12,760 (a)| 24,661 (bc)| 29,095 (c)| 5,509 (a)|
| C1QB       | 0,000   | yes          | 45,613 (b)| 5,565 (a)| 4,895 (a)| 0,242 (a)|
| C3         | 0,000   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| C5         | 0,000   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| C8G        | 0,000   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| C9         | 0,000   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| CAD        | 0,000   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| CALR       | 0,000   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| CAMTA1     | 0,000   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| CANX       | 0,000   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| CCT8       | 0,000   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| CD81       | 0,000   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| CD9        | 0,000   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| CFH        | 0,000   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| CFI        | 0,000   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| CGN1       | 0,000   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| CHID1      | 0,000   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| CJKAP4     | 0,000   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| CNTN1      | 0,000   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| CLTA       | 0,000   | yes          | 2,503 (a)| 1,941 (a)| 2,148 (a)| 0,802 (a)|
| Gene   | Fold Change | p-value | Control Expression | Relative Expression |
|--------|-------------|---------|--------------------|---------------------|
| CLTC   | 0.231       | no      | 141,299 (a)        | 106,379 (a)         |
| CLU    | 0.000       | yes     | 712,028 (b)        | 685,353 (b)         |
| CMTM6  | 0.000       | yes     | 83,799 (a)         | 82,246 (a)          |
| COL6A1 | 0.000       | yes     | 1077 (b)           | 111,859 (a)         |
| COLGALT1| 0.000     | yes     | 123,636 (b)        | 234,158 (c)         |
| CP     | 0.000       | yes     | 5,395 (b)          | 0,641 (a)           |
| CPD    | 0.000       | yes     | 5,081 (a)          | 5,403 (a)           |
| CYB5R3 | 0.000       | yes     | 396,668 (b)        | 55,144 (a)          |
| DAD1   | 0.046       | yes     | 282,690 (ab)       | 244,960 (ab)        |
| DDOST  | 0.082       | no      | 2,079 (a)          | 1,453 (a)           |
| DNAJC13| 0.000       | yes     | 3,563 (a)          | 3,147 (a)           |
| DYNC1I2| 0.000       | yes     | 33,596 (a)         | 25,131 (a)          |
| ECE1   | 0.000       | yes     | 2,163 (b)          | 2,378 (bc)          |
| EDC4   | 0.000       | yes     | 22,821 (a)         | 25,287 (ab)         |
| EEF1A2 | 0.122       | no      | 0,728 (a)          | 0,814 (a)           |
| EEF1D  | 0.000       | yes     | 1577 (b)           | 1338 (b)            |
| EEF1G  | 0.001       | yes     | 708,335 (b)        | 475,693 (b)         |
| EEF2   | 0.000       | yes     | 2116 (c)           | 1618 (b)            |
| EFCAB3 | 0.080       | no      | 0,429 (a)          | 0,509 (a)           |
| EIF3A  | 0.000       | yes     | 43,606 (c)         | 34,786 (b)          |
| EIF3B  | 0.000       | yes     | 21,354 (a)         | 22,124 (a)          |
| ELAVL1 | 0.000       | yes     | 32,655 (a)         | 29,482 (a)          |
| EMID1  | 0.038       | yes     | 4,950 (ab)         | 6,090 (ab)          |
| ERCC3  | 0.000       | yes     | 9,436 (a)          | 8,788 (a)           |
| ERH    | 0.158       | no      | 0,659 (a)          | 0,842 (a)           |
| ERP29  | 0.000       | yes     | 306,508 (b)        | 266,916 (b)         |
| ERP44  | 0.000       | yes     | 37,015 (b)         | 49,605 (ab)         |
| F2     | 0.000       | yes     | 1,363 (a)          | 2,371 (a)           |
| FGA    | 0.023       | yes     | 0,393 (ab)         | 0,491 (b)           |
| FGB    | 0.000       | yes     | 0,422 (a)          | 0,600 (a)           |
| FGG    | 0.015       | yes     | 0,420 (ab)         | 0,543 (b)           |
| FKB11  | 0.000       | yes     | 85,254 (c)         | 24,875 (ab)         |
| FN1    | 0.000       | yes     | 274,609 (b)        | 20,090 (a)          |
| FTL    | 0.084       | no      | 505,777 (a)        | 558,583 (a)         |
| FUSIP1 | 0.000       | yes     | 21,942 (a)         | 36,640 (b)          |
| GANAB  | 0.000       | yes     | 114,726 (b)        | 127,953 (b)         |
| GAPDH  | 0.000       | yes     | 0,410 (b)          | 0,464 (b)           |
| GJA1   | 0.000       | yes     | 272,764 (b)        | 667,534 (c)         |
| GNA11  | 0.000       | yes     | 37,665 (a)         | 27,050 (a)          |
| GOLM1  | 0.000       | yes     | 6,426 (c)          | 3,784 (b)           |
| GOLT1B | 0.000       | yes     | 7,369 (a)          | 7,021 (a)           |
| GOT2   | 0.090       | no      | 37,523 (a)         | 43,653 (a)          |
| GPX1   | 0.000       | yes     | 333,816 (a)        | 1332 (b)            |
| GPX8   | 0.000       | yes     | 95,414 (c)         | 73,916 (b)          |
| GSN    | 0.000       | yes     | 332,871 (c)        | 158,396 (b)         |
| GSTA1  | 0.000       | yes     | 908,988 (b)        | 1177 (b)            |
| GSTA2  | 0.006       | yes     | 15,251 (ab)        | 27,389 (b)          |
| GSTA5  | 0.000       | yes     | 6,637 (a)          | 64,143 (b)          |
| H2AFV  | 0.019       | yes     | 201,409 (a)        | 247,096 (ab)        |
| HABP2  | 0.001       | yes     | 0,554 (b)          | 0,630 (b)           |
| Gene      | P-value | Fold Change | Expression   |
|-----------|---------|-------------|--------------|
| HBB       | 0.000   | yes         | 0.586 (b) 0.601 (b) 0.435 (b) 0.218 (a) |
| HIST1H1D  | 0.005   | yes         | 0.668 (ab) 1.400 (b) 0.888 (ab) 0.192 (a) |
| HNRNPU    | 0.000   | yes         | 52.947 (a) 61.658 (a) 75.802 (a) 121.070 (b) |
| HP18P3    | 0.000   | yes         | 138.357 (a) 109.912 (a) 122.303 (a) 187.258 (b) |
| HPX       | 0.001   | yes         | 4.670 (b) 4.781 (b) 4.629 (b) 2.915 (a) |
| HRG       | 0.000   | yes         | 0.451 (a) 0.525 (a) 0.478 (a) 3.343 (b) |
| HSD17B1   | 0.000   | yes         | 317.131 (b) 873.825 (c) 2188 (d) 38.566 (a) |
| HSP90A1   | 0.000   | yes         | 317.131 (b) 873.825 (c) 2188 (d) 38.566 (a) |
| HSP90B1   | 0.000   | yes         | 188 (b) 2636 (c) 3211 (d) 76,411 (a) |
| HSP90B1   | 0.005   | yes         | 598.959 (a) 553.362 (a) 1116 (b) 782.259 (ab) |
| HSP9A1    | 0.004   | yes         | 138.357 (a) 109.912 (a) 122.303 (a) 187.258 (b) |
| HSP9A1    | 0.000   | yes         | 347.739 (a) 482.409 (a) 436.868 (a) 292.496 (a) |
| HSP9A1    | 0.000   | yes         | 194.777 (b) 175.915 (b) 182.993 (b) 182.993 (b) |
| HSP9A1    | 0.000   | yes         | 347.739 (a) 482.409 (a) 436.868 (a) 292.496 (a) |
| HSP9A1    | 0.000   | yes         | 164.010 (a) 199.859 (ab) 264.385 (bc) 616.439 (a) |
| ITIH2     | 0.000   | yes         | 98.819 (a) 194.777 (b) 175.915 (b) 182.993 (b) |
| ITIH4     | 0.000   | yes         | 961.399 (c) 497.004 (b) 488.267 (b) 4.043 (a) |
| LAMP2     | 0.077   | no          | 3,574 (b) 0.704 (ab) 0.629 (a) 0.407 (a) |
| LMAN1     | 0.024   | yes         | 3,428 (b) 0.471 (b) 0.419 (b) 0.223 (a) |
| LMAN2     | 0.000   | yes         | 303.308 (b) 301.451 (b) 382.024 (b) 146.726 (a) |
| LRPAP1    | 0.045   | no          | 213,480 (a) 206,754 (a) 248,605 (a) 839,252 (b) |
| M6PR      | 0.000   | yes         | 30.195 (a) 44.401 (a) 261.681 (b) 663.9 (a) |
| MIF       | 0.000   | yes         | 42,155 (a) 80.046 (a) 84.427 (a) 148.672 (b) |
| MLECE     | 0.000   | yes         | 213,480 (a) 206,754 (a) 248,605 (a) 839,252 (b) |
| MPDU1     | 0.000   | yes         | 213,480 (a) 206,754 (a) 248,605 (a) 839,252 (b) |
| MRC2      | 0.042   | yes         | 30.195 (a) 44.401 (a) 261.681 (b) 663.9 (a) |
| MRPL3     | 0.000   | yes         | 42,155 (a) 80.046 (a) 84.427 (a) 148.672 (b) |
| MTDH      | 0.224   | no          | 213,480 (a) 206,754 (a) 248,605 (a) 839,252 (b) |
| MVP       | 0.000   | yes         | 30.195 (a) 44.401 (a) 261.681 (b) 663.9 (a) |
| MYH10     | 0.000   | yes         | 42,155 (a) 80.046 (a) 84.427 (a) 148.672 (b) |
| MYL6      | 0.000   | yes         | 213,480 (a) 206,754 (a) 248,605 (a) 839,252 (b) |
| MYOF      | 0.000   | yes         | 213,480 (a) 206,754 (a) 248,605 (a) 839,252 (b) |
| NAPA      | 0.149   | no          | 213,480 (a) 206,754 (a) 248,605 (a) 839,252 (b) |
| ORMAD1    | 0.000   | yes         | 213,480 (a) 206,754 (a) 248,605 (a) 839,252 (b) |
| ORMAD3    | 0.000   | yes         | 213,480 (a) 206,754 (a) 248,605 (a) 839,252 (b) |
| PCBP1     | 0.000   | yes         | 213,480 (a) 206,754 (a) 248,605 (a) 839,252 (b) |
| PDIA3     | 0.002   | yes         | 213,480 (a) 206,754 (a) 248,605 (a) 839,252 (b) |
| PDIA6     | 0.003   | yes         | 213,480 (a) 206,754 (a) 248,605 (a) 839,252 (b) |
| PFN2      | 0.000   | yes         | 213,480 (a) 206,754 (a) 248,605 (a) 839,252 (b) |
| PGD       | 0.000   | yes         | 213,480 (a) 206,754 (a) 248,605 (a) 839,252 (b) |
| PGK1      | 0.000   | yes         | 213,480 (a) 206,754 (a) 248,605 (a) 839,252 (b) |
| PGRMC1    | 0.000   | yes         | 213,480 (a) 206,754 (a) 248,605 (a) 839,252 (b) |
| Gene       | P-value | Exp. Status | Mean (b) | Median (a) | SD (a) | Max (bc) | Min (b) |
|------------|---------|-------------|----------|------------|--------|----------|---------|
| PGRMC2     | 0.001   | yes         | 39,492   | 30,839     | 38,654 | 18,926   |
| PLG        | 0.000   | yes         | 0,549    | 0,579      | 0,822  | 12,338   |
| PLOD1      | 0.000   | yes         | 6,995    | 4,076      | 21,899 | 0,290    |
| PLP2       | 0.000   | yes         | 136,650  | 66,602     | 84,781 | 15,653   |
| PPIB       | 0.324   | no          | 23,151   | 5,531      | 5,531  | 0,945    |
| PRDX1      | 0.024   | yes         | 67,441   | 57,425     | 77,819 | 134,025  |
| PRDX4      | 0.000   | yes         | 273,562  | 211,787    | 381,624| 122,201  |
| PRKCSH     | 0.000   | yes         | 326,512  | 356,616    | 470,777| 12,251   |
| PRPS1L1    | 0.018   | yes         | 1,393    | 1,802      | 2,235  | 1,510    |
| PRPSAP1    | 0.000   | yes         | 125,197  | 150,464    | 126,897| 252,120  |
| PRSS2      | 0.000   | yes         | 0,511    | 0,617      | 4,122  | 225,048  |
| PRKCSH     | 0.000   | yes         | 89,056   | 114,491    | 147,765| 2,637    |
| PSMA1      | 0.000   | yes         | 134,650  | 66,602     | 84,781 | 15,653   |
| PSMA5      | 0.000   | yes         | 134,528  | 175,399    | 470,777| 786,865  |
| PSMA6      | 0.000   | yes         | 193,638  | 195,733    | 242,935| 668,885  |
| PSMD2      | 0.050   | yes         | 134,278  | 170,857    | 225,465| 211,138  |
| PTGFRN     | 0.000   | yes         | 1,378    | 3,498      | 7,341  | 0,643    |
| RAB11A     | 0.000   | yes         | 6,941    | 6,448      | 5,338  | 96,074   |
| RAB1A      | 0.000   | yes         | 46,298   | 44,354     | 49,147 | 91,009   |
| RAB2A      | 0.000   | yes         | 55,362   | 46,986     | 57,884 | 167,073  |
| RAB7A      | 0.000   | yes         | 33,844   | 31,352     | 38,252 | 300,091  |
| RAC1       | 0.000   | yes         | 2,937    | 1,556      | 1,506  | 3,284    |
| RAD54B     | 0.000   | yes         | 2,555    | 2,642      | 3,068  | 5,050    |
| RAN        | 0.012   | no          | 50,301   | 35,253     | 33,829 | 12,914   |
| RBP4       | 0.000   | yes         | 13,593   | 9,249      | 12,691 | 49,015   |
| RER1       | 0.000   | yes         | 2559     | 2685       | 2614   | 644,347  |
| RPL10      | 0.000   | yes         | 2879     | 2442       | 2368   | 233,364  |
| RPL10L     | 0.000   | yes         | 1344     | 1424       | 1301   | 382,774  |
| RPL11      | 0.000   | yes         | 2815     | 2125       | 2410   | 365,475  |
| RPL13      | 0.000   | yes         | 1086     | 780,479    | 886,705| 199,974  |
| RPL16      | 0.000   | yes         | 1745     | 1756       | 1686   | 136,826  |
| RPL17      | 0.000   | yes         | 148,289  | 92,043     | 105,628| 32,842   |
| RPL18      | 0.000   | yes         | 2428     | 2481       | 2381   | 593,585  |
| RPL19      | 0.000   | yes         | 3033     | 2734       | 2890   | 593,585  |
| RPL20      | 0.000   | yes         | 1086     | 780,479    | 886,705| 199,974  |
| RPL21      | 0.000   | yes         | 1745     | 1756       | 1686   | 136,826  |
| RPL22      | 0.000   | yes         | 148,289  | 92,043     | 105,628| 32,842   |
| RPL23      | 0.000   | yes         | 2428     | 2481       | 2381   | 593,585  |
| RPL24      | 0.000   | yes         | 3033     | 2734       | 2890   | 593,585  |
| RPL25      | 0.000   | yes         | 1086     | 780,479    | 886,705| 199,974  |
| RPL26      | 0.000   | yes         | 1745     | 1756       | 1686   | 136,826  |
| RPL27      | 0.000   | yes         | 148,289  | 92,043     | 105,628| 32,842   |
| RPL28      | 0.000   | yes         | 2428     | 2481       | 2381   | 593,585  |
| RPL29      | 0.000   | yes         | 3033     | 2734       | 2890   | 593,585  |
| Gene  | Effect | Value1  | Value2  | Value3  | Value4  |
|-------|--------|---------|---------|---------|---------|
| RPL38 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPL4  | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPL5  | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPL6  | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPL7  | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPL7A | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPL8  | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPL9  | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPLP0 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS10 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS11 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS12 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS13 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS14 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS15A| yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS16 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS17 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS18 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS19 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS20 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS21 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS22 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS23 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS24 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS25 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS26 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS27 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS27L| yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS3  | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS3A | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS3B | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS4Y1| yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS5  | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS6  | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS7  | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS8  | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPS9  | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| RPSA  | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| S100A8| yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| SCAMP2| yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| SCAMP3| yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| SDCBP | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| SEC24C| yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| SEC61A| yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| SERPIN1|yes   | 0,000   | 0,000   | 0,000   | 0,000   |
| SERPIN2|yes   | 0,000   | 0,000   | 0,000   | 0,000   |
| SERPINH1|yes | 0,000   | 0,000   | 0,000   | 0,000   |
| SFPQ  | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| SFRS9 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| SLC25A12|yes  | 0,000   | 0,000   | 0,000   | 0,000   |
| SLC29A1|yes   | 0,000   | 0,000   | 0,000   | 0,000   |
| SORT1 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| SRGN  | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| SRSF7 | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| SSR4  | yes    | 0,000   | 0,000   | 0,000   | 0,000   |
| Gene  | P-value | Fold Change | Value 1 | Value 2 | Value 3 | Value 4 |
|-------|---------|-------------|---------|---------|---------|---------|
| STOM  | 0.000   | yes         | 17,297  | 5,242   | 5,770   | 10,913  |
| STRA6 | 0.000   | yes         | 90,346  | 1164    | 2488    | 23,725  |
| STX6  | 0.000   | yes         | 11,682  | 16,320  | 33,949  | 90,033  |
| STX7  | 0.003   | yes         | 0,420   | 0,494   | 0,464   | 0,284   |
| TF    | 0.000   | yes         | 20,355  | 2,374   | 0,843   | 10,709  |
| TFRC  | 0.000   | yes         | 1,731   | 3,302   | 4,608   | 6,180   |
| TLL2  | 0.000   | yes         | 1,053   | 14,776  | 37,259  | 0,419   |
| TMED10| 0.000   | yes         | 28,987  | 26,326  | 25,493  | 9,477   |
| TMED4 | 0.000   | yes         | 105,228 | 168,937 | 252,961 | 113,434 |
| TMED7 | 0.000   | yes         | 16,119  | 12,712  | 14,272  | 52,639  |
| TMEM109| 0.000  | yes         | 57,243  | 24,254  | 32,658  | 377,463 |
| TMEM14C| 0.000  | yes         | 105,826 | 71,034  | 73,712  | 342,313 |
| TMEM167A| 0.000 | yes         | 8,256   | 12,082  | 12,039  | 60,437  |
| TUBA1C| 0.011   | yes         | 2,191   | 1,356   | 0,792   | 2,928   |
| TTR   | 0.000   | yes         | 122,269 | 278,316 | 282,515 | 2021    |
| UGGT1 | 0.002   | yes         | 1,551   | 2,302   | 2,387   | 1,204   |
| VCP   | 0.002   | yes         | 90,626  | 104,015 | 174,951 | 63,306  |
| VDAC1 | 0.526   | no          | 276,849 | 256,657 | 304,975 | 258,025 |
| VDAC2 | 0.000   | yes         | 47,805  | 51,748  | 93,724  | 32,639  |
| VIM   | 0.000   | yes         | 730,037 | 913,989 | 1235    | 7,346   |
| VTN   | 0.001   | yes         | 0,381   | 0,470   | 0,462   | 0,208   |
| YWHAQ | 0.252   | no          | 283,443 | 347,164 | 353,980 | 310,860 |