*Supplementary Table 2*

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| **Correlation between molecular markers NOTCH pathway in CONTROLS** |
|  |  | ***r*** | **95% Confidence Interval** |
| **NOTCH1 vs** |
| Fe65 | -0,9025 | -0,9980 to 0,4424 |
| ADAM10 | 0,8042 | -0,6911 to 0,9957 |
| ADAM17 | 0,6326 | -0,8381 to 0,9911 |
| APP | -0,2013 | -0,9740 to 0,9421 |
| TDP43 | -0,8527 | --0,9969 to 0,6009 |
| A | -0,2152 | -0,9747 to 0,9404 |
| BACE | -0,4237 | -0,9841 to 0,9066 |
| AICD | -0,5405 | -0,9882 to 0,8754 |
|
|  |  |  |  |
| **NICD vs** | APP | 0,8939 | -0,4774 to 0,9978 |
| BACE | 0,5767 | -0,8625 to 0,9894 |
| A | 0,07654 | -0,9548 to 0,9666 |
| TDP43 | 0,01228 | -0,9602 to 0,9620 |
| Fe65 | -0,9025 | -0,9980 to 0,4424 |
| ADAM10 | 0,0648 | -0,9559 to 0,9658 |
| ADAM17 | 0,1929 | -0,9431 to 0,9735 |
| AICD | 0,8227 | -0,6615 to 0,9962 |
|  |  |  |  |
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