**Table S5.** List of genes consistently modulated by MT1-MMP in MCF-7 cells plated on 2D plastic during 24, 48 and 72 hours.

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| **Genes up-regulated in MT1 cells on 2D Plastic** |
| Probe Id | Gene symbol |  |
| ILMN\_2148527 | H19 | H19, imprinted maternally expressed transcript (non-protein coding) |
| ILMN\_2148527 | IGSF1 | immunoglobulin superfamily, member 1 |
| ILMN\_1806603 | MESP1 | mesoderm posterior 1 homolog |
| ILMN\_1707124 | TFPI | tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor) |
| ILMN\_2233314 | SPANXA1 | sperm protein associated with the nucleus, X-linked, family member A1 |
| ILMN\_2211030 | SPANXB1 | sperm protein associated with the nucleus, X-linked, family member B1 |
|  |  |  |
| **Genes down-regulated in MT1 cells on 2D Plastic** |
| Probe Id | Gene symbol |  |
| ILMN\_1799744 | GALC | galactosylceramidase |
| ILMN\_2132982 | IGFBP5 | insulin-like growth factor binding protein 5 |
| ILMN\_1652409 | SPATA7 | spermatogenesis associated 7 |
| ILMN\_1762561 | PLA2G10 | phospholipase A2, group X |
| ILMN\_1734276 | PMEPA1 | prostate transmembrane protein, androgen induced 1 |