**Table11: 10 up-regulated and 55 down-regulated proteins with growing level of malignancy in IBC and DCIS tissues**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Accession** | **Name** | **Sequence coverage (%)** | **Peptides (95%)** |
| Up | tr|A7BI36|A7BI36\_HUMAN | RRBP1 | 63.64 | 27 |
|  | tr|Q8N1C8|Q8N1C8\_HUMAN | HSPA9 | 70.19 | 33 |
|  | tr|A8K4W6|A8K4W6\_HUMAN | PGK1 | 88.25 | 58 |
|  | sp|P04406|G3P\_HUMAN | GAPDH | 91.94 | 134 |
|  | sp|Q9NSE4|SYIM\_HUMAN | IARS2 | 29.55 | 11 |
|  | sp|P50991|TCPD\_HUMAN | CCT4 | 43.78 | 12 |
|  | tr|Q53HF3|Q53HF3\_HUMAN | Galactosidase alpha | 26.34 | 3 |
|  | sp|P43490|NAMPT\_HUMAN | NAMPT | 42.36 | 10 |
|  | tr|Q2TB59|Q2TB59\_HUMAN | NNT | 19.52 | 4 |
|  | sp|O76024|WFS1\_HUMAN | WFS1 | 22.25 | 2 |
|  |  |  |  |  |
|  |  |  |  |  |
| Down | sp|P13645|K1C10\_HUMAN | KRT10 | 57.88 | 42 |
|  | tr|H6VRG2|H6VRG2\_HUMAN | KRT1 | 56.21 | 45 |
|  | sp|P12273|PIP\_HUMAN | PIP | 85.62 | 31 |
|  | sp|P35908|K22E\_HUMAN | KRT2 | 54.62 | 26 |
|  | tr|Q6FH10|Q6FH10\_HUMAN | DCN | 77.16 | 58 |
|  | tr|B2R853|B2R853\_HUMAN | KRT6E | 68.26 | 58 |
|  | sp|P02760|AMBP\_HUMAN | AMBP | 45.45 | 13 |
|  | sp|P02647|APOA1\_HUMAN | APOA1 | 85.02 | 135 |
|  | tr|D6RAK8|D6RAK8\_HUMAN | GC | 82.35 | 77 |
|  | tr|H0YGH4|H0YGH4\_HUMAN | A2M | 65.41 | 101 |
|  | tr|D9ZGG2|D9ZGG2\_HUMAN | VTN | 52.3 | 17 |
|  | sp|P51884|LUM\_HUMAN | LUM | 68.34 | 101 |
|  | sp|P06727|APOA4\_HUMAN | APOA4 | 77.02 | 30 |
|  | tr|B4E1C2|B4E1C2\_HUMAN | KNG1 | 48.91 | 30 |
|  | sp|P08294|SODE\_HUMAN | SOD3 | 57.5 | 19 |
|  | tr|A5PL27|A5PL27\_HUMAN | CP | 62.25 | 65 |
|  | sp|P12109|CO6A1\_HUMAN | COL6A1 | 60.7 | 92 |
|  | tr|D1MGQ2|D1MGQ2\_HUMAN | HBA2 | 99.3 | 288 |
|  | sp|P16157-7|ANK1\_HUMAN | ANK1 | 32.42 | 14 |
|  | sp|P01008|ANT3\_HUMAN | SERPINC1 | 54.31 | 43 |
|  | sp|P13671|CO6\_HUMAN | C6 | 29.76 | 9 |
|  | sp|P02675|FIBB\_HUMAN | FGB | 78.21 | 78 |
|  | sp|P04217|A1BG\_HUMAN | A1BG | 61.82 | 36 |
|  | tr|E7EVA3|E7EVA3\_HUMAN | CFB | 50.32 | 55 |
|  | sp|P02790|HEMO\_HUMAN | HPX | 79.87 | 116 |
|  | tr|G3V5I3|G3V5I3\_HUMAN | SERPINA3 | 59.82 | 34 |
|  | sp|Q13813-2|SPTA2\_HUMAN | SPTAN1 | 60.07 | 89 |
|  | sp|P08603|CFAH\_HUMAN | CFH | 57.76 | 59 |
|  | tr|B2RMS9|B2RMS9\_HUMAN | ITIH4 | 43.76 | 33 |
|  | tr|Q5VVQ8|Q5VVQ8\_HUMAN | C4BPA | 34.51 | 9 |
|  | sp|P12111-2|CO6A3\_HUMAN | COL6A3 | 64.39 | 234 |
|  | tr|B2R8I2|B2R8I2\_HUMAN | HRG | 46.1 | 26 |
|  | tr|B2R582|B2R582\_HUMAN | CLEC3B | 54.46 | 13 |
|  | sp|P13647|K2C5\_HUMAN | KRT5 | 56.61 | 34 |
|  | tr|D9YZU5|D9YZU5\_HUMAN | HBB | 96.6 | 429 |
|  | sp|P00734|THRB\_HUMAN | F2 | 63.18 | 50 |
|  | sp|P01591|IGJ\_HUMAN | IGJ | 62.26 | 18 |
|  | sp|P00738|HPT\_HUMAN | HP | 88.67 | 69 |
|  | sp|P02763|A1AG1\_HUMAN | ORM1 | 67.66 | 44 |
|  | sp|P04040|CATA\_HUMAN | CAT | 52.18 | 17 |
|  | sp|P00352|AL1A1\_HUMAN | ALDH1A1 | 69.06 | 33 |
|  | tr|B2ZZ89|B2ZZ89\_HUMAN | SPTBN1 | 54.78 | 74 |
|  | tr|Q6FHG6|Q6FHG6\_HUMAN | PRELP | 54.19 | 32 |
|  | tr|B2R7F8|B2R7F8\_HUMAN | PLG | 61.85 | 32 |
|  | sp|Q16853|AOC3\_HUMAN | AOC3 | 36.17 | 25 |
|  | sp|P02748|CO9\_HUMAN | C9 | 39.53 | 18 |
|  | sp|O60240|PLIN1\_HUMAN | PLIN1 | 49.62 | 15 |
|  | tr|Q53FI7|Q53FI7\_HUMAN | FHL1 | 60 | 10 |
|  | tr|B0V046|B0V046\_HUMAN | TNXB | 24.92 | 19 |
|  | tr|Q8IVC0|Q8IVC0\_HUMAN | SERPIND1 | 31.66 | 13 |
|  | sp|P08185|CBG\_HUMAN | SERPINA6 | 29.38 | 9 |
|  | tr|B2R815|B2R815\_HUMAN | SERPINA4 | 34.89 | 6 |
|  | tr|Q5U0J2|Q5U0J2\_HUMAN | CSRP1 | 67.88 | 21 |
|  | sp|P02545|LMNA\_HUMAN | LMNA | 73.8 | 63 |
|  | sp|Q96Q06-2|PLIN4\_HUMAN | PLIN4 | 57.91 | 42 |