**Supplementary Table 3.** Abbreviations of the specific protein names in the protein-protein interaction networks, presented in Figure 3 and Figure 4.

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| **Figure 3** | **Figure 4** |
| **Abbreviation** | **Protein name** | **Abbreviation** | **Protein name** |
| ACTB | actin, beta | CSTF2 | cleavage stimulation factor, 3' pre-RNA, subunit 2, 64kDa |
| ACTBL2 | actin, beta-like 2 | CSTF3 | cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kDa |
| ALB | albumin | ENSG00000223931 | annotation not available |
| ANKRD42 | ankyrin repeat domain 42 | ESR1 | estrogen receptor 1 |
| APOA1 | apolipoprotein A-I | F8 | coagulation factor VIII, procoagulant component |
| AZGP1 | alpha-2-glycoprotein 1, zinc-binding | FSHR | follicle stimulating hormone receptor |
| BTN1A1 | butyrophilin, subfamily 1, member A1 | GMPR | guanosine monophosphate reductase |
| C4A | complement component 4A (Rodgers blood group) | GMPS | glutamine amidotransferase |
| C4B  | complement C4-B (Basic complement C4) | HLA-DPB1 | major histocompatibility complex, class II, DP beta 1 |
| CD14 | CD14 molecule | HLA-DRB1 | major histocompatibility complex, class II, DR beta 1 |
| CEL | carboxyl ester lipase (bile salt-stimulated lipase) | ITGA4 | integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor) |
| CLU | clusterin | MT-ND5 | mitochondrially encoded NADH dehydrogenase 5 |
| CSN1S1 | casein alpha s1 | MT-ND4 | mitochondrially encoded NADH dehydrogenase 4 |
| CSN2 | casein beta | MT-ND1 | mitochondrially encoded NADH dehydrogenase 1 |
| CSN3 | casein kappa | NDUFAB1 | acyl carrier protein, mitochondrial |
| ENO1 | enolase 1, (alpha) | PIN4 | protein (peptidylprolyl cis/trans isomerase) NIMA-interacting, 4 (parvulin) |
| FASN | fatty acid synthase | PROS1 | protein S (alpha); Anticoagulant plasma protein |
| GAPDH | glyceraldehyde-3-phosphate dehydrogenase | SERPINA1 | serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 |
| LALBA | lactalbumin, alpha | SERPINE1 | serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1 |
| LALBA | alpha-lactalbumin  |  |  |
| LGALS3BP | lectin, galactoside-binding, soluble, 3 binding protein |  |  |
| LTF | lactotransferrin |  |  |
| LYZ | Lysozyme |  |  |
| MFGE8 | milk fat globule-EGF factor 8 protein |  |  |
| PRSS1 | protease, serine, 1 (trypsin 1) |  |  |
| S100A9 | S100 calcium binding protein A9  |  |  |
| SERPINA1 | serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 |  |  |
| SERPINA3 | serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3 |  |  |
| SPP1 | secreted phosphoprotein 1 |  |  |
| XDH | xanthine dehydrogenase |  |  |