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LIST OF ABBREVIATIONS

| Abbreviation | Expansion |
|--------------|--|
| NCBI | National Center for Biotechnology Information |
| GEO | Gene Expression Omnibus |
| DEGs | Differentially Expressed Genes |
| ANOVA | Analysis of Variance |
| MAPK | Mitogen Activated Protein Kinases |
| BRCA1 | Breast Cancer Gene 1 |
| BRCA2 | Breast Cancer Gene 2 |
| PRSS8 | Prostasin |
| OEC | Ovarian Epithelial Cancers |
| IHC | Immunohistochemistry |
| ELISA | Enzyme Linked Immunosorbent Assay |
| RNA | Ribonucleic Acid |
| mRNA | Messenger Ribonucleic Acid |
| miRNA | Micro Ribonucleic Acid |
| DNA | Deoxyribonucleic Acid |
| cDNA | Complementary Deoxyribonucleic Acid |
| dbEST | Database for "Expressed Sequence Tags" |
| RefSeq | Reference Sequence Database |
| CTD | Comparative Toxicogenomics Database |
| DAVID | Database for Annotation, Visualization and Integrated Discovery |
| PANTHER | Protein Analysis Through Evolutionary Relationships |
| GOBO | Gene Expression Based Outcome for Breast Cancer Online |
| GSA | Gene Set Analysis |
| RMA | Robust Multiarray Averagaging |
| NUSE | Normalized Unscaled Standard Error |
| RLE | Relative Logarithmic Expression |
| KEGG | Kyoto Encyclopedia of Genes and Genomes |
| TLR | Toll-like Receptor |
| BC_BN | Breast Cancer Cells compared (Experimental) to Breast Normal Cells (Control) |
| OC_ON | Ovarian Cancer Cells compared (Experimental) to Ovarian Normal Cells (Control) |
| GO | Gene Ontology |
