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**Phytoestrogens and Mycoestrogens Interacting with Breast Cancer Proteins**

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**ABBREVIATIONS:** AUC, area under the curve; BRCA1, breast cancer 1; BRCA2, breast cancer 2; CAT, catalase; DHT, dihydrotestosterone; EDCs, endocrine disrupting chemicals; ERBB2, human epidermal growth factor receptor 2; ERBBs, epidermal growth factor receptor family; ER-beta, estrogen receptor beta; ESR1, estrogen receptor alpha; IC50, half-maximal inhibitory concentration; NB, nonbonding substances; PDB, Protein Data Bank; PGR, progesterone receptor; ROC, receiver operating characteristic analysis; RORC, retinoic acid-related orphan receptor C; ROS, reactive oxygen species; SHBG, sex hormone-binding globulin; vHTS, virtual high-throughput screening.

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