

## Product datasheet for CD565082

## **Tissue Genomic DNA, Breast**

## **Product data:**

| Product Type:                                      | Genomic DNA                      |
|----------------------------------------------------|----------------------------------|
| Disease State:                                     | Cancer                           |
| Diagnosis Category:                                | Breast Cancer                    |
| Tissue:                                            | Breast                           |
| Frozen Sample ID:                                  | FR00042613                       |
| Case ID:                                           | CI0000018991                     |
| Prep:                                              | A                                |
| Vial ID:                                           | DN00001194                       |
| Tissue of Origin:                                  | Breast                           |
| Site of Finding:                                   | Breast                           |
| Appearance:                                        | Tumor                            |
| Sample Diagnosis (from<br>Pathology Verification): | Adenocarcinoma of breast, ductal |
| Normal:                                            | 3%                               |
| Lesional:                                          | 0%                               |
| Tumor:                                             | 88%                              |
| Tumor Hypo/Acellular<br>Stroma:                    | 0%                               |
| Tumor Hypercellular<br>Stroma:                     | 7%                               |
| Necrosis:                                          | 2%                               |
| Pathology Verification<br>notes from H&E review:   | ductal carcinoma in situ = 5%    |
| Bioanalyzer Ratio<br>(28S/18S):                    | 2.14                             |

## OriGene Technologies, Inc.

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| CASE Diagnosis (from<br>medical center path<br>report):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Adenocarcinoma of breast, ductal                                                                                                                           |
| Age:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 48                                                                                                                                                         |
| Gender:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Female                                                                                                                                                     |
| Race:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | White or Caucasian                                                                                                                                         |
| Tumor Grade:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Nottingham G3: 8-9 points High combined grade (unfavorable)                                                                                                |
| Minimum Stage<br>Grouping:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IIA                                                                                                                                                        |
| T (Extent of Primary<br>Tumor):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | T1b                                                                                                                                                        |
| N (Lymph node<br>metastasis):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | N1mi                                                                                                                                                       |
| M (Distant metastasis):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MX                                                                                                                                                         |
| Diagnostic Test Results:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Progesterone receptor ~ PR ! by IHC,Positive; Estrogen receptor ~ ER ! by IHC,Positive;<br>ERBB2,Not amplified; HER2 ~ ERBB2 ~ Neu ! by IHC,Positive, weak |
| Storage:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Store the total DNA -80°C.                                                                                                                                 |
| Stability:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | These products are stable for one year from date of shipping when stored at -80°C without repeated freeze/thaws.                                           |

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