**Supplementary Figure 2**

**A** Quantification of ER-alpha staining

![Bar chart showing quantification of ER-alpha staining](image)

**B** Quantification of PgR staining

![Bar chart showing quantification of PgR staining](image)

ER-alpha IHC in Mammary Tumor

Group-Control  |  Group-OID  |  Positive Control
--- | --- | ---
Isolated-Control  |  Isolated-OID  |  Negative Control

PgR IHC in Mammary Tumor

Group-Control  |  Group-OID  |  Positive Control
--- | --- | ---
Isolated-Control  |  Isolated-OID  |  Negative Control