Markers of MDR, Hypoxia, and Glycolysis

- Expose human breast cancer cells to normoxic conditions, monitor protein expression
- Expose human breast cancer cells to hypoxic conditions, monitor protein expression

Inject normoxic cells into the mammary fat pad, wait for tumor growth
Inject hypoxic cells into the mammary fat pad, wait for tumor growth

nu/nu mice

Excise tumors

IHC of tumor sections for protein markers of MDR, hypoxia, and glycolysis

- EGFR
- HIF
- HXK2
- Pgp
- GLUT1