



Legend: Molecular Interaction Map (MIM) (above) including most of the G0–G1–S transition signaling-network, in estrogen receptor positive BC. The cartouches (like in hieroglyphics), contain the signaling-proteins of the network. The MIM syntax (on the right) is according to [Kohn, K. W., et al. (2006). Mol Syst Biol 2: 51]. Grid coordinates (numbers at the left and letters on top of the MIM) help to locate molecular species and interactions present in the MIM. **[Updating of March 2018]**

Reaction symbols

- ↔ Non-covalent binding
- Covalent bond
- ↳ Transcription
- Stoichiometric conversion
- Cleavage of a covalent bond
- ⊘ Degradation
- Conformational modification

Contingency symbols

- Stimulation
- Requirement
- Requirement of one A event for one B event
- Inhibition
- Enzymatic catalysis

Molecular interaction symbols

A ↔ B We can add a node between two interacting A and B molecules, to indicate the dimer (A-B).
 A node between a molecule C and a dimer-node indicates a trimer (A-B-C), and so on.
 Structural details about the interactions are omitted.

A ↔ Symbol for an A:A homo dimer