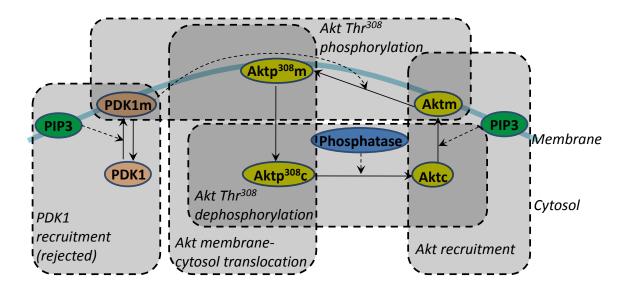
Supplemental Material for "Non-Canonical Activation of Akt in Serum-stimulated Fibroblasts, Revealed by Comparative Modeling of Pathway Dynamics"



**Supplemental Figure S2. Top-down coverage of the pathway for investigating an unknown effect.** Five events (dashed boxes) in the canonical PIP3/Akt cascade were identified: PDK1 recruitment, Akt recruitment, Akt Thr<sup>308</sup> phosphorylation, Akt membrane-cytosol translocation and Akt Thr<sup>308</sup> dephosphorylation. One event (PDK1 recruitment) was rejected based on existing measurements showing that PDK1m mimics PIP3 dynamics.