**Supplementary Table 2:** Non-Zero Initial Conditions Utilized in the Model

|  |  |  |
| --- | --- | --- |
| **Molecule** | **Basal initial condition (#/CC)** | **Ref.** |
|  |  | (1) |
|  |  | (3) |
|  |  | (1) |
|  |  | (1) |
|  |  | (1) |
|  |  | (1) |
|  |  | (1) |
|  |  | (1) |
|  |  | (1) |
|  |  | (1) |
|  |  | (1) |
|  |  | (1) |
|  |  | (1) |
|  |  | (1) |
|  |  | (1) |
|  |  | (1) |
|  |  | (2) |
|  |  | (NA) |
|  |  | (1) |
|  |  | (1) |
|  |  | (1) |

All species which are no listed have an initial condition equal to 1.

References:

1. Albeck, J. G., Burke, J. M., Spencer, S. L., Lauffenburger, D. A. & Sorger, P. K. Modeling a Snap-Action, Variable-Delay Switch Controlling Extrinsic Cell Death. *PLOS Biology* **6**, e299 (2008).
2. Hong, J.-Y. *et al.* Computational modeling of apoptotic signaling pathways induced by cisplatin. *BMC Systems Biology* **6**, 122 (2012).
3. Derived from the *in vitro* results.