**Supplementary Table 1:** List of reactions used in the computational model and their associated kinetic constants. (Taken from *Hope et al.*).

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| **Reaction** |  |  |  | **Ref.** |
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|  |  |  |  | (2) |
|  |  |  |  | NA |
|  |  |  |  | NA |
|  |  |  |  | NA |
|  |  |  |  | NA |
|  |  |  |  | NA |

References:

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