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| **File**  | **Description** |
| MK2TTPanalysis.docx | Editable file of a fluorescent cell image analysis workflow in Python including segmentation and intensity measurement of nucleus and cytoplasm in Fiji and Cellpose, for ease of use in future application.  |
| DCP1aTTPanalzsis.docx | Editable file of a fluorescent cell image analysis workflow in Python including segmentation and intensity measurement of P-bodies within cells in Fiji and Cellpose, for ease of use in future application. |
| ParameterEstimation.docx | Editable AMIGO2 parameter estimation problem file of a quantitative p38 MAPK-TTP model, for ease of use in future application.  |
| PlasmidMaps.pdf | Multiple expression constructs for proteins and RNAs involved in the p38MAPK-TTP axis. Including TTP, TTP\_AA and TTP\_EE overexpression plasmids.  |
| HeLaTTPshuttling.pptx | Data showing the shuttling of TTP between cellular compartments in HeLa cells.  |
| ModelSimulation.docx | Editable MATLAB script for simulation and data generation of a qualitative TTP model, for ease of use in future application.  |
| ModelAnalysis.docx | Editable file of AMIGO2 and GenSSI toolbox problem files for structural identifiability analysis and global parameter ranking for the quantitative p38 MAPK-TTP model, for ease of use in future application.  |

**Supplementary data for the thesis "An interdisciplinary approach to understanding the TTP pathway".**