

Supplementary Data 1:

Complete listing of adverse events.

Supplementary Data 2:

Complete listing of treatment-emergent adverse events per dose level.

Supplementary Data 3:

Complete listing of treatment-emergent adverse events related to underlying disease and/or irradiation per dose level.

Supplementary Data 4:

Combined lists of baseline data and calculations. First tab: Clinical baseline data, mIF-derived quantification of cell phenotypes and calculation of EG12 scores. Second tab: MRI imaging results. Third tab: Plasma levels. Fourth tab: NANO scores.

Supplementary Data 5:

Multi-cycle reactions protocol and list of oligonucleotid sequences used for mIF.