



# METHODS REPORTING BADGE

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## BADGE RESULTS

### REAGENTS AND ORGANISMS

- ✓ For antibodies, the supplier name, catalog number, RRID and clone name (as applicable), lot number and dilution are indicated.
- ✓ Validation of antibodies is described for the species and specific assay.
- ✓ The species, strain and source for each eukaryotic cell line used in the study are provided.
- ✓ The method of authentication is indicated for each cell line used, or the text indicates that the cell lines were not authenticated.
- N/A The species, strain, sex of origin and genetic modification status of each primary culture used are provided.
- ✓ The text indicates the results of mycoplasma testing and/or whether any cell lines were not tested for mycoplasma.
- N/A For microbes, the species, strain, unique accession number if available, and source are provided.
- ✓ The source and catalog number are provided for other biological materials and reagents as applicable. For unique materials or reagents, their availability is described along with any restrictions on their availability.
- ✓ For laboratory animals, the species, strain, sex, age, genetic modification status, source, and housing are described.
- N/A For animals observed in the field, the species, sex and age (where possible) are provided.
- N/A For animals captured in the field, the species, sex and age (where possible), and housing are described. The text indicates how animals were captured, transported and what happened to the animals after the study.
- N/A For plants, species and strain, source, housing, maintenance, temperature, and photoperiod are described.
- N/A For non-plant samples collected from the field, maintenance, temperature, and end-of-experiment protocol are described.
- ✓ For human research participants or primary human samples, the age, gender, diagnosis, and treatment category of the study participants are described as applicable.
- ✓ For studies involving human research participants or primary human samples, participant recruitment and potential self-selection bias or other biases are described.

### DESIGN

- ✓ The samples are defined and whether data describe technical or biological replicates is indicated.
- ✓ How the sample size was chosen is described, including the statistical method and/or how sample sizes were chosen and why the sample sizes are sufficient.
- ✓ The text indicates the number of times the experiment was replicated in the laboratory and whether replication was successful.
- ✓ The text describes how samples/organisms/participants were placed into experimental groups.
- ✓ The text indicates whether the researchers were blinded to group allocation during data collection and/or analysis.

### COLLECTION AND ANALYSIS

- ✓ The exclusion criteria and the rationale behind them are provided, and whether criteria were specified in advance is indicated.
- ✓ The availability of the data generated in the study is described, including restriction of access and/or accession codes.
- ✓ If macromolecular structures were generated in the study, an official validation report from wwPDB is provided.
- ✓ All software/code used to collect and analyze the data is indicated, along with the version used.
- ✓ For any study using custom code or software, the text indicates whether the code or software is available.