**Explanation of variables regarding raw data for MS “*Establishment of a fecal DNA quantification technique for diet constituents in small mammals*”**

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| **Variable** | **Specification** |
| Animal\_no | Animal number |
| Date | Sample date |
| Sex | Sex of the mouse |
| Age | Age of the mouse |
| Diet | Composition of the matrix pellets exclusive onion or carrot seeds |
| Weight\_mice | Body weight of the mouse before trial |
| MP | Matrix pellet fed during trial |
| Seeds | Number of seeds in the matrix pellets fed |
| Weight\_sample | Weight of the collected sample within 24 hours after feeding |
| Marker | Marker used for quantification of DNA |
| Tot.copies | Total DNA copies measured in the collected fecal samples. |
| Tot.copies.Onion | Total onion DNA copies measured in the collected fecal samples. |
| Tot.copies.Carrot | Total carrot DNA copies measured in the collected fecal samples. |
| Tot.cop.BW.SW | Total DNA copies found in the collected fecal samples divided by body weight and sample weight. |
| Tot.cop.O.BW.SW | Total onion DNA copies found in the collected fecal samples divided by body weight and sample weight. |
| Tot.cop.C.BW.SW | Total carrot DNA copies found in the collected fecal samples divided by body weight and sample weight. |
| Log.TC.BW.SW | Log transformation of total DNA copies found in the collected fecal samples divided by body weight and sample weight. |
| Log.TC.O.BW.SW | Log transformation of total onion DNA copies found in the collected fecal samples divided by body weight and sample weight. |
| Log.TC.C.BW.SW | Log transformation of total carrot DNA copies found in the collected fecal samples divided by body weight and sample weight. |
| Log.TC.BW.SW.NZ | Log transformation of total DNA copies found in the collected fecal samples divided by body weight and sample weight, zeros removed. |
| Log.TC.O.BW.SW.NZ | Log transformation of total onion DNA copies found in the collected fecal samples divided by body weight and sample weight, zeros removed. |
| Log.TC.C.BW.SW.NZ | Log transformation of total carrot DNA copies found in the collected fecal samples divided by body weight and sample weight, zeros removed. |
| Time\_after\_feeding | Numbers of hours after which fecal samples are collected. |