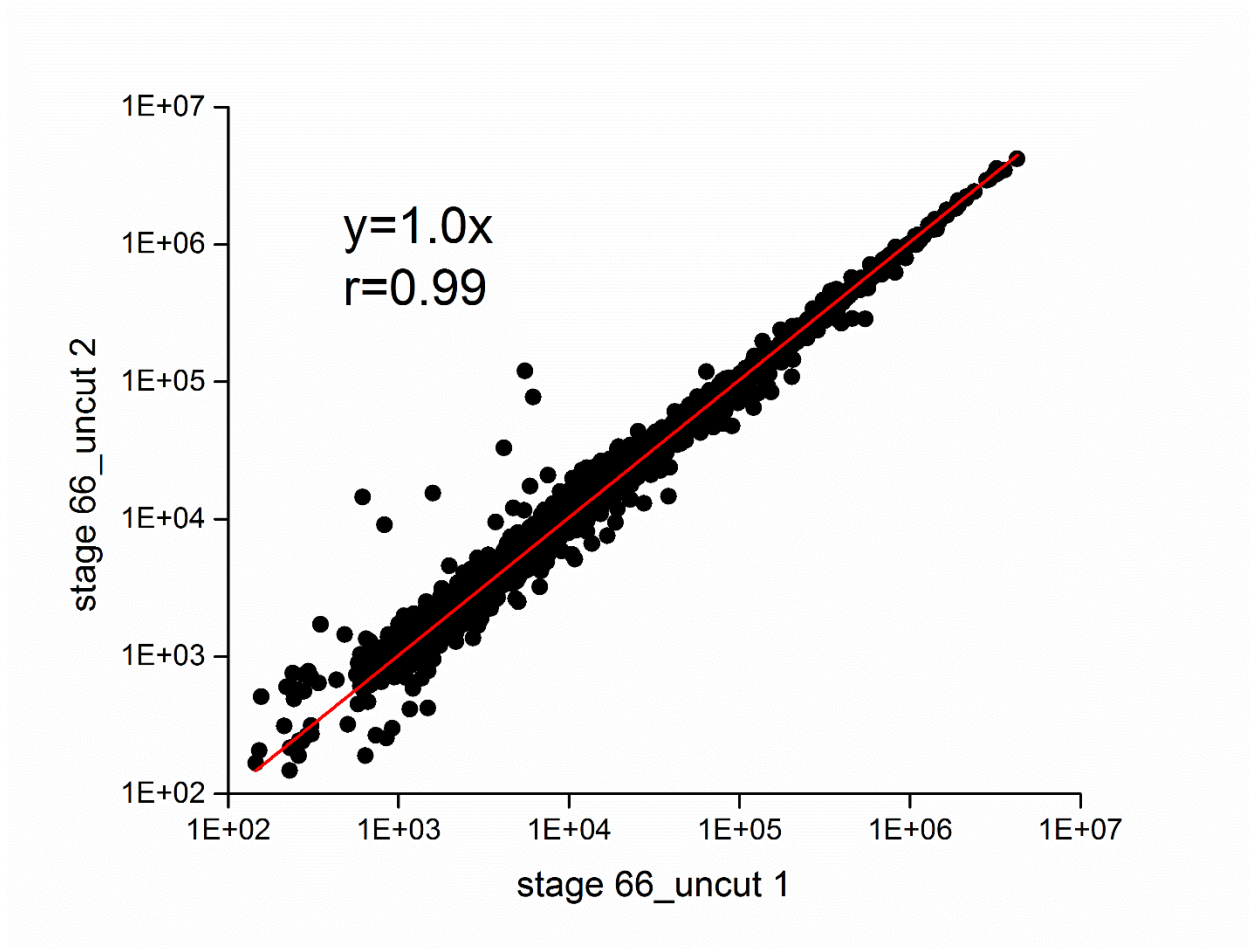
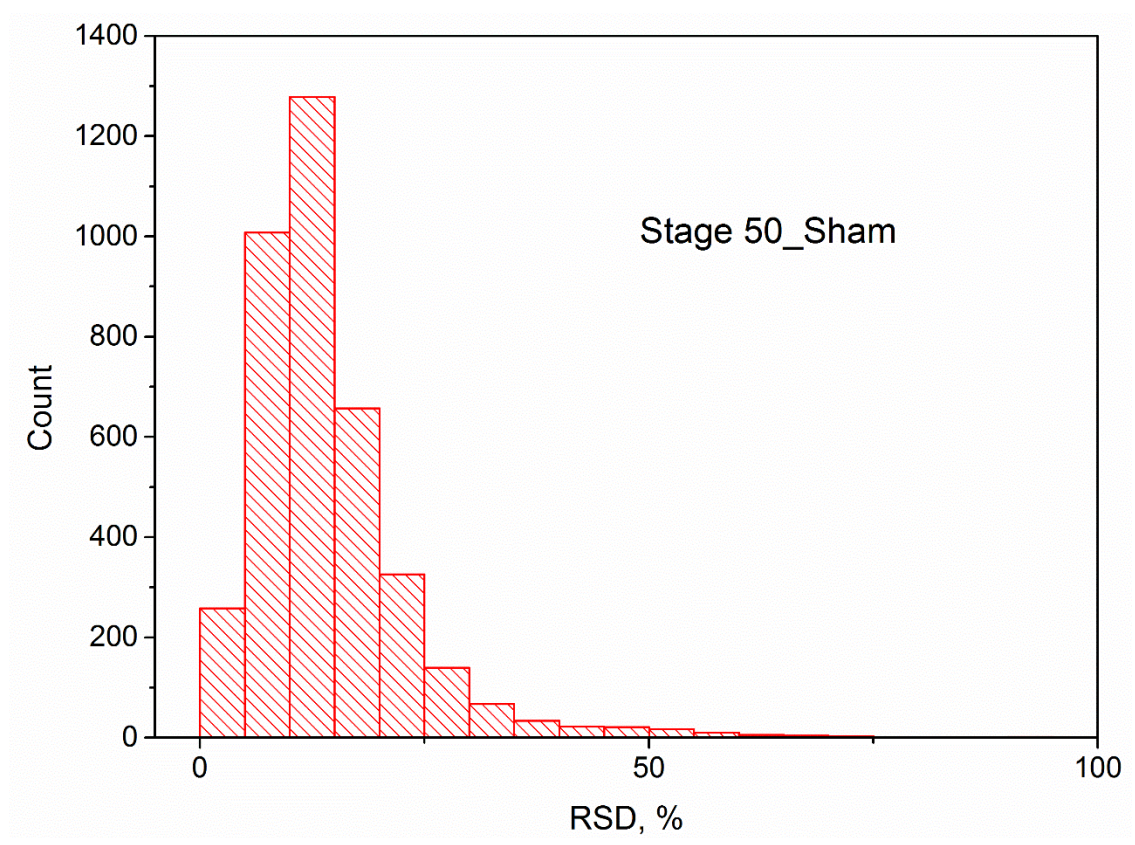


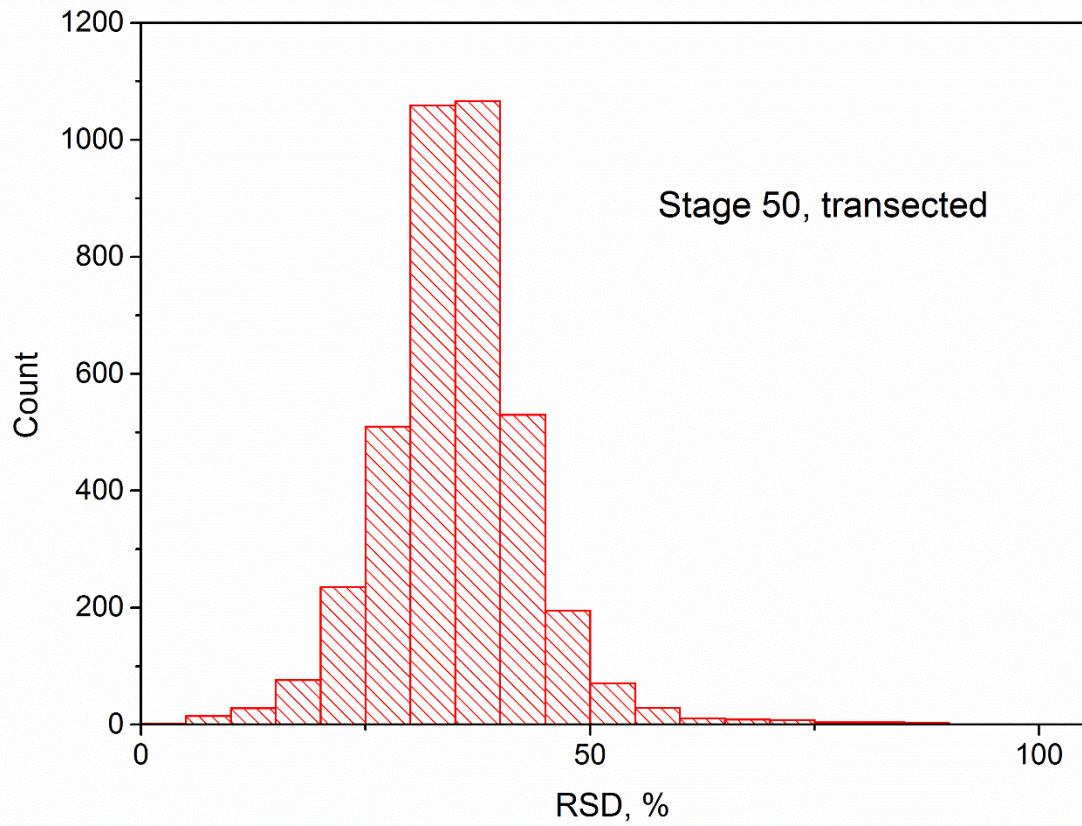
**Figure S1:** Correlation of reporter ion intensity between biological replicates of uncut samples at stage 50.



**Figure S2:** Correlation of reporter ion intensity between biological replicate of uncut samples at stage 66.

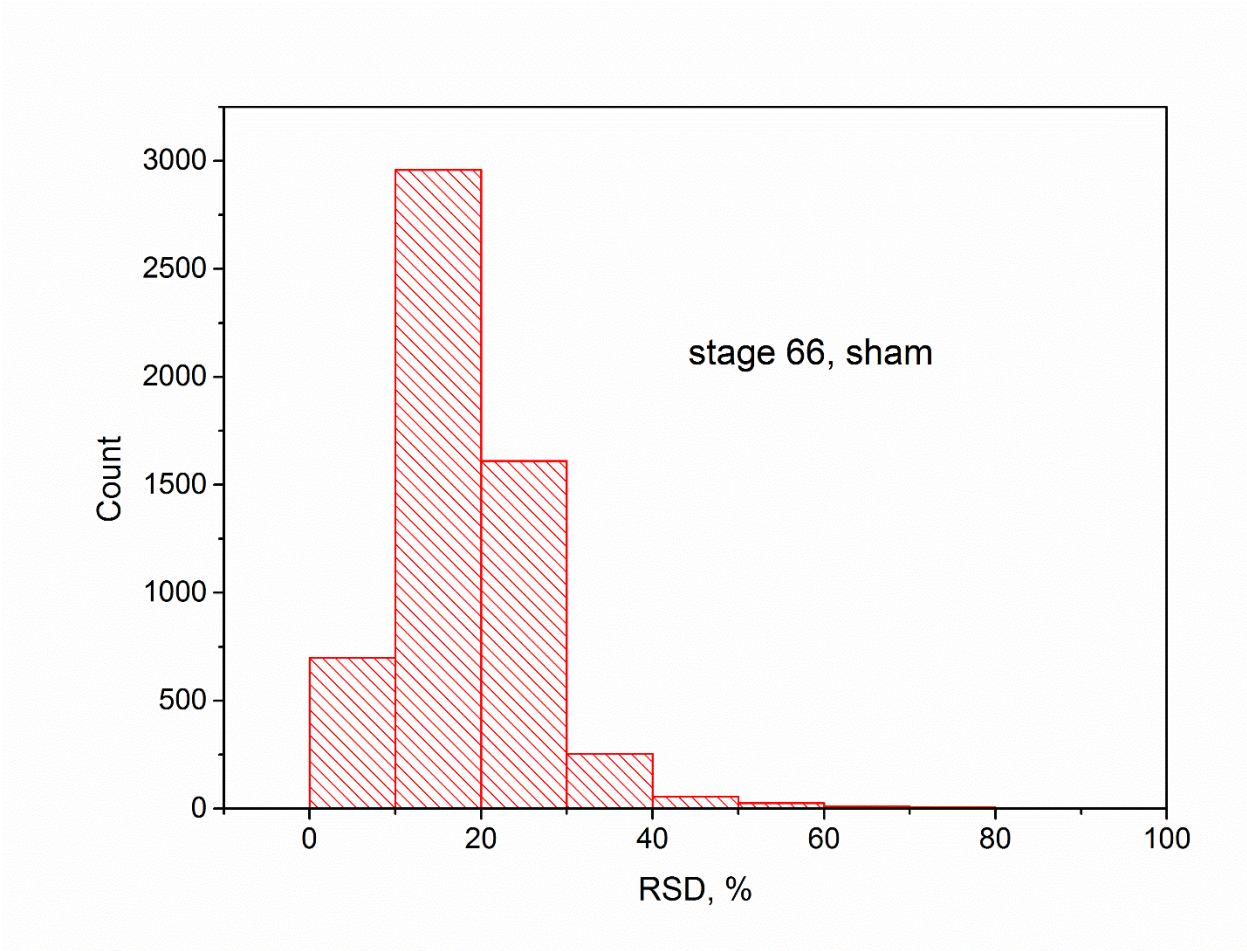


**Figure S3.** Distribution of the relative standard deviation (RSD) of reporter ion intensity from biological triplicate of sham samples at stage 50.

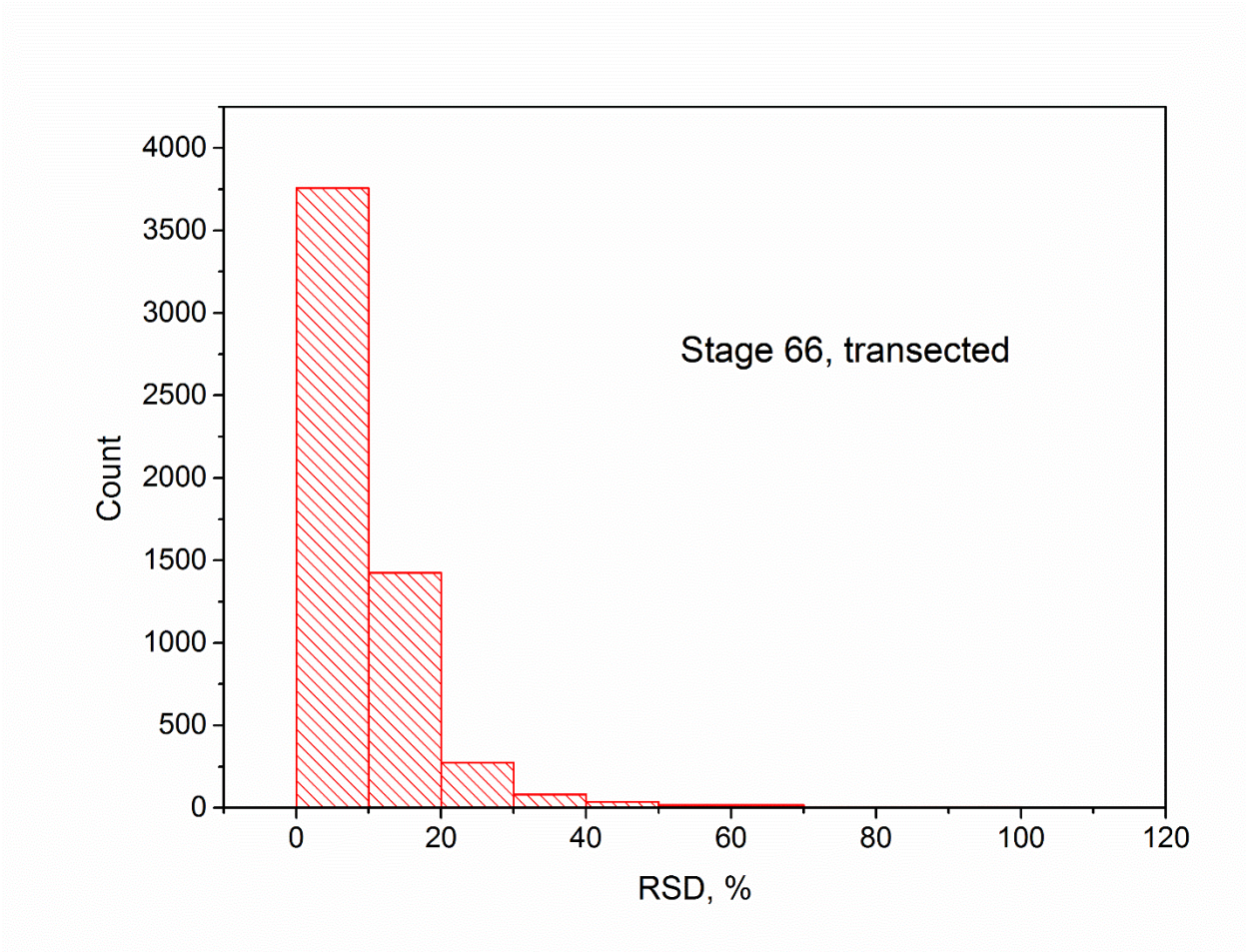


**Figure S4.** Distribution of the relative standard deviation (RSD) of reporter ion intensity from biological triplicate of transected samples at stage 50.





**Figure S5.** Distribution of the relative standard deviation (RSD) of reporter ion intensity from biological triplicate of sham samples at stage 66.



**Figure S6.** Distribution of the relative standard deviation (RSD) of reporter ion intensity from biological triplicate of transected samples at stage 66.