

Dysregulation of the acrosome formation network by 8-oxoguanine (8-oxoG) in infertile sperm

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Supplementary Tables

Supplementary Table 1. Annotation of 8-oxoG loci in C13 sperm DNA

Supplementary Table 2. Annotation of 8-oxoG loci in C14 sperm DNA

Supplementary Table 3. Intensity of differentially expressed standard spots of C14 sperm proteins

Supplementary Table 4. Antibody information

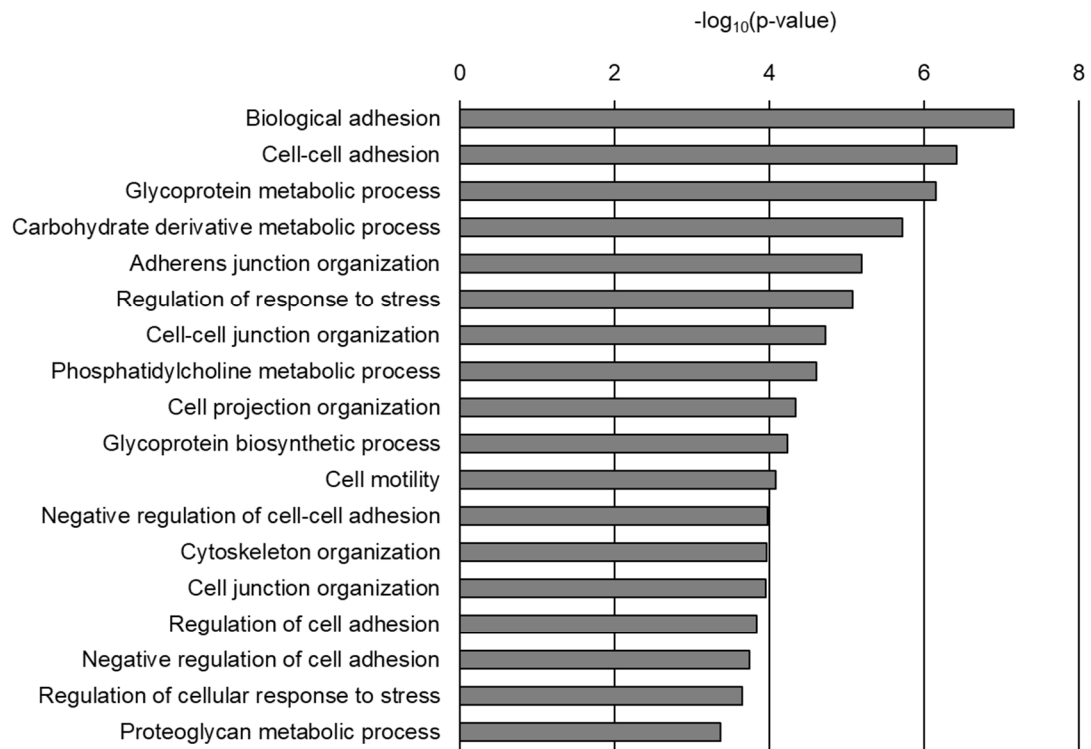
Supplementary Figures

Supplementary Figure 1. Functional enrichment of 8-oxoG genes exclusive to C14 sperm.

(a) Gene set enrichment analysis (GSEA) with biological process collection. Sperm motility-related biological processes were selected and depicted with $(-)\log$ -transformed p-value. (b) Biological process enrichment network. Sperm motility-related biological processes were depicted in differently colored terms. Each colored node represents each cluster of biological processes. The node size is proportional to the number of proteins belonging to the processes and the edge thickness to the numbers of proteins common in the processes.

Supplementary Figure 1

(a)



(b)

