Genes Differentially Expressed Between (TCGA tumors):

- Low LSD1-Expressing (n=115)
- High LSD1-Expressing (n=115)

Relative Expression:

- +1.00 Max.
- +0.75
- +0.50
- +0.25
- 0.00
- -0.25
- -0.50
- -0.75
- -1.00 Min.

GO Analysis of Genes Correlating Positively or Negatively with LSD1 Expression in Ovarian Tumors

**Positively Correlated Gene Set**

- Cell division
- Mitotic cell cycle
- Mitosis
- Nuclear division
- M phase of mitotic cycle
- Organelle fission
- Cell cycle phase
- M phase
- Cell cycle
- Cell cycle process

**Inversely Correlated Gene Set**

- Defense response
- Immune response
- Inflammatory response
- Leukocyte chemotaxis
- Cellular defense response
- Response to wounding
- Cell chemotaxis
- Pos. reg. multicell. organs. proc.
- Cell. Ca+2 ion homeostasis
- Behaviour
- Cell. 2/3valent cat. homeostasis
- Reg. of lymphocyte activation
- Calcium ion homeostasis
- Reg. of T cell differentiation
- Di/trivalent cation homeostasis
- Regulation of T cell activation
- Cell. metal ion homeostasis
- Cell activation
- Reg. adaptative immune resp....
- Reg. adaptative immune resp.
- Taxis
- Chemotaxis
- Leukocyte migration

P-value (log_{10})

- n=243
- n=215