

Additional file.2: Functional annotation based categorized of 34 LEx proteins to 14 cellular processes in transformed SeOvCa cells.

S.No.	Functional group/Cellular process	Categorized proteins
1	Chemoresistance	HSPD1, PRDX2, PDIA3, SOD1
2	Resistance to Apoptosis	PRDX2, PDIA3, SOD1, NPM1
3	Oxidative stress	SOD1, NPM1, PRDX2, RNASEL, ENO2
4	Transcriptional regulation and Maintenance	MAGOH, XRCC5, RAD50, CBX5, NPM1
5	Invasion and Proliferation	NPM1, PRDX2
6	Transport and Signaling	CLIC4, SSR4, KPNA4
7	RNA Metabolism	SNRPF, NPM1
8	DSB Repair	NPM1, RAD50, XRCC5
9	Protein Synthesis	EEF1A1, TUFM
10	Protein Degradation	PSMA1, PSMB3, PSMC2, PSMC4
11	Protein Folding and Isomerization	HSPD1, PDIA3, CCT3, CCT8, FKBP4
12	Energy Production and Metabolism	ATP5B, ATP5D, ENO2, ECH1, PKM2
13	Immunological Responses	B2M, SCRIN
14	Structural and secretory proteins	MYO1D, ALB