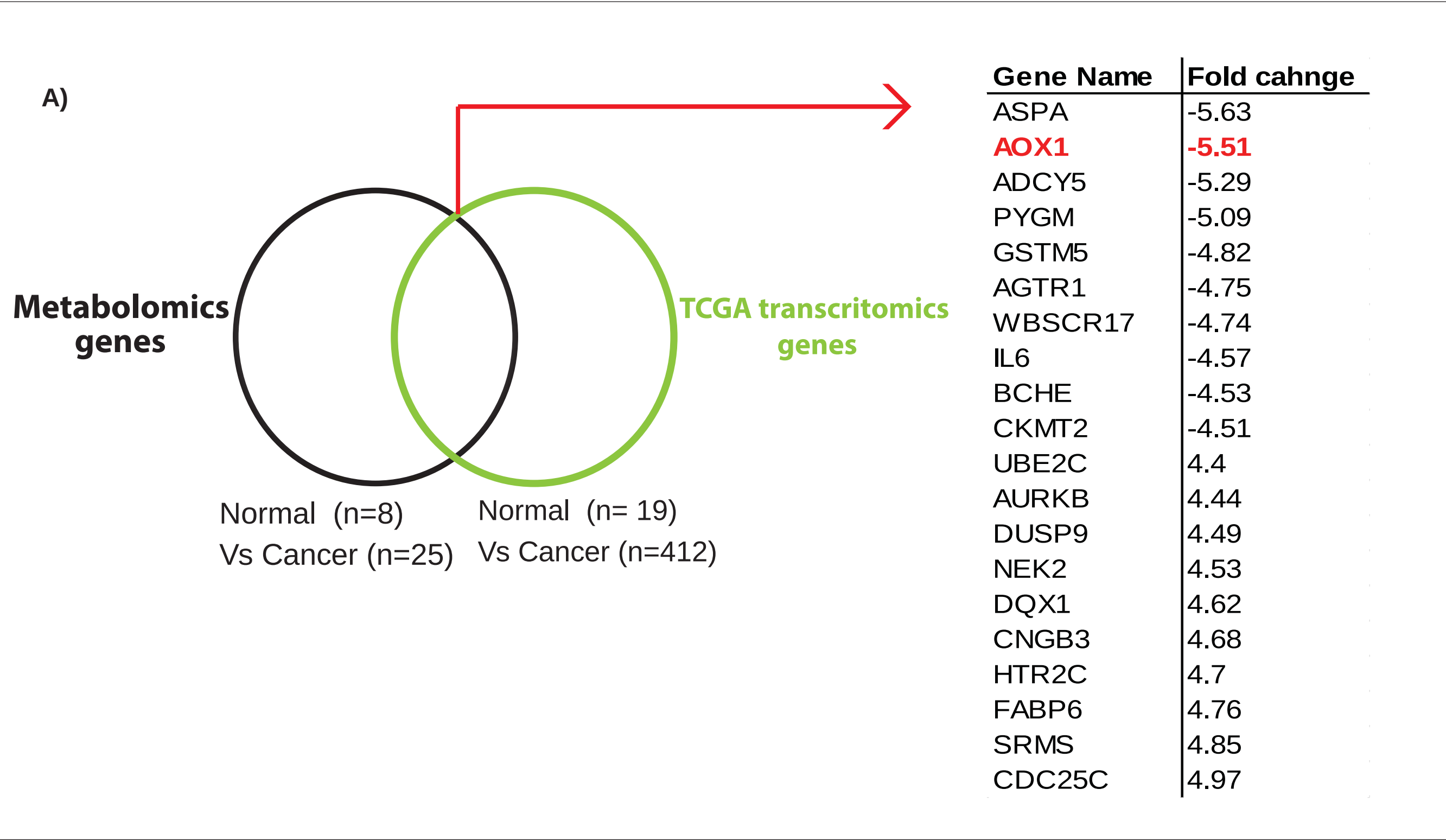
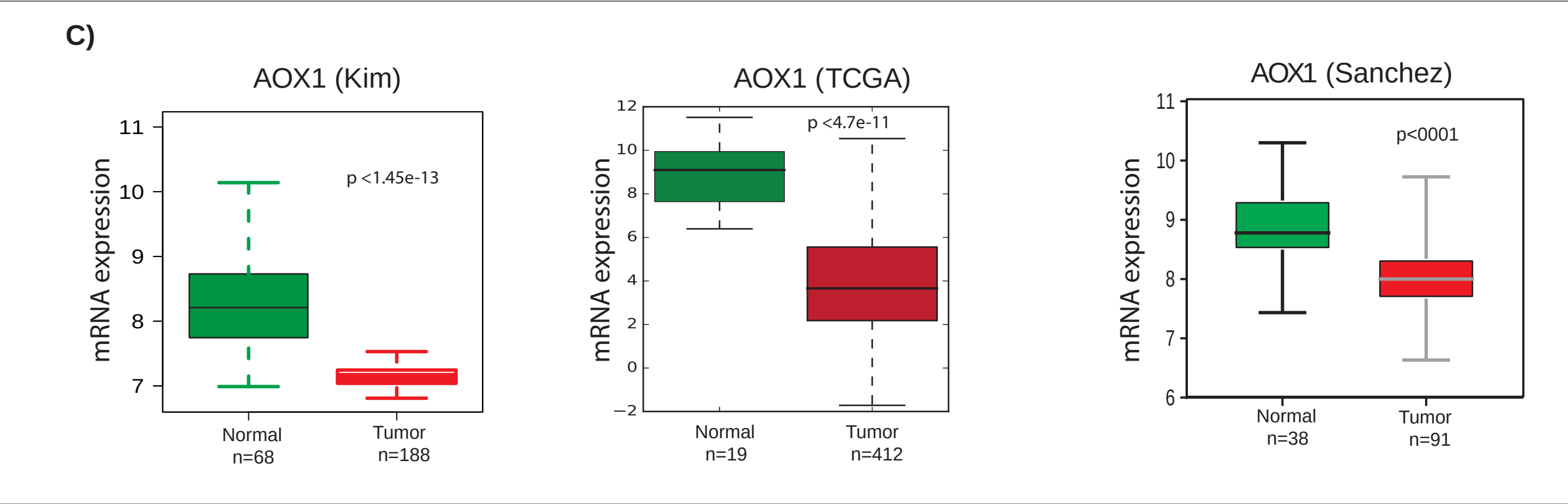




B)

UniProt_AC	RefSeq	Gene	Transcript ion_type	Log2f old change	p value	adj pvalue	Signif icant	Expressio n	TCGA cancer	DO_cancer_type
Q06278	NP_001150.3	AOX1	mrna	-2.68	1.41E-24	4.02E-23	Yes	Down	LUSC	DOID:1324 / Lung cancer [Lunca] & DOID:3907 / Lung squamous cell carcinoma
Q06278	NP_001150.3	AOX1	mrna	-4.89	7.97E-13	3.46E-11	Yes	Down	UCEC	DOID:363 / Uterine cancer [Uteca]
Q06278	NP_001150.3	AOX1	mrna	-4.08	1.88E-18	5.38E-16	Yes	Down	BLCA	DOID:11054 / Urinary bladder cancer [UBC]
Q06278	NP_001150.3	AOX1	mrna	-2.02	7.69E-13	1.07E-11	Yes	Down	HNSC	DOID:11934 / Head and neck cancer [H&NC]
Q06278	NP_001150.3	AOX1	mrna	-1.08	8.83E-04	4.06E-03	Yes	Down	THCA	DOID:1781 / Thyroid cancer [Thyca]
Q06278	NP_001150.3	AOX1	mrna	-1.38	4.37E-11	8.06E-10	Yes	Down	BRCA	DOID:1612 / Breast cancer [BRCA]
Q06278	NP_001150.3	AOX1	mrna	-4.92	4.89E-09	1.40E-07	Yes	Down	CESC	DOID:4362 / Cervical cancer [Cerca] & DOID:3744 / Cervical squamous cell carcinoma & DOID:0050940 / Endocervical adenocarcinoma
Q06278	NP_001150.3	AOX1	mrna	-2.37	2.91E-04	1.87E-03	Yes	Down	ESCA	DOID:5041 / Esophageal cancer [EC]
Q06278	NP_001150.3	AOX1	mrna	-1.03	4.45E-03	3.86E-02	Yes	Down	STAD	DOID:10534 / Stomach cancer [Stoca]
Q06278	NP_001150.3	AOX1	mrna	-0.83	6.77E-04	1.20E-03	Yes	Down	KIRC	DOID:263 / Kidney cancer [Kidca] & Kidney renal clear cell carcinoma
Q06278	NP_001150.3	AOX1	mrna	-3.37	6.70E-04	2.19E-02	Yes	Down	SARC	DOID:1115 / Sarcoma
Q06278	NP_001150.3	AOX1	mrna	-1.51	2.74E-15	4.27E-13	Yes	Down	PRAD	DOID:10283 / Prostate cancer [PCa]
Q06278	NP_001150.3	AOX1	mrna	-0.84	6.28E-02	5.99E-01	No	Down	KICH	DOID:263 / Kidney cancer [Kidca] & DOID:4471 / Chromophobe adenocarcinoma
Q06278	NP_001150.3	AOX1	mrna	-1.01	1.47E-02	8.80E-02	No	Down	KIRP	DOID:263 / Kidney cancer [Kidca] & DOID:4465 / Papillary renal cell carcinoma
Q06278	NP_001150.3	AOX1	mrna	0.36	5.12E-01	1.00E+00	No	Up	READ	DOID:1993 / Rectum cancer [Recca] & DOID:1996 / Rectum adenocarcinoma
Q06278	NP_001150.3	AOX1	mrna	-0.25	2.02E-01	7.14E-01	No	Down	LUAD	DOID:1324 / Lung cancer [Lunca] & DOID:3910 / Lung adenocarcinoma
Q06278	NP_001150.3	AOX1	mrna	0.04	8.34E-01	1.00E+00	No	Up	COAD	DOID:219 / Colon cancer [Colca] & DOID:234 / Colon adenocarcinoma
Q06278	NP_001150.3	AOX1	mrna	-0.29	3.28E-01	5.23E-01	No	Down	LIHC	DOID:3571 / Liver cancer [Livca]
Q06278	NP_001150.3	AOX1	mrna	1.54	2.54E-03	1.20E-01	No	Up	PAAD	DOID:1793 / Pancreatic cancer [PACA] & DOID:4074 / Pancreas adenocarcinoma



Supplementary Figure 2