

Table S1. ATAD2 correlates significantly with classical proliferation makers in OC tissue and cell line samples from three independent datasets.

Comparison	TCGA OC tissue samples (n=307)			GSE9891 OC tissue samples (n=285)			OC cell line samples (n=47)		
	Pearson's r	P-value	Significant (P<0.05)	Pearson's r	P-value	Significant (P<0.05)	Pearson's r	P-value	Significant (P<0.05)
ATAD2 vs. MKI67	0.3757	<0.0001	Yes	0.7071	<0.0001	Yes	0.3443	0.0178	Yes
ATAD2 vs. PCNA	0.268	<0.0001	Yes	0.5357	<0.0001	Yes	0.3386	0.0199	Yes
ATAD2 vs. MCM2	0.2449	<0.0001	Yes	0.613	<0.0001	Yes	0.4708	0.0008	Yes
ATAD2 vs. MCM3	0.2845	<0.0001	Yes	0.4964	<0.0001	Yes	0.3226	0.027	Yes
ATAD2 vs. MCM4	0.3932	<0.0001	Yes	0.5734	<0.0001	Yes	0.4783	0.0007	Yes
ATAD2 vs. MCM5	0.2452	<0.0001	Yes	0.397	<0.0001	Yes	0.2929	0.0457	Yes
ATAD2 vs. MCM6	0.3672	<0.0001	Yes	0.6611	<0.0001	Yes	0.5841	<0.0001	Yes
ATAD2 vs. MCM7	0.2219	<0.0001	Yes	0.3841	<0.0001	Yes	0.3447	0.0177	Yes
ATAD2 vs. MCM8	0.1806	0.0015	Yes	0.4005	<0.0001	Yes	0.0972	0.5157	No
ATAD2 vs. MCM9	0.1342	0.0186	Yes	-0.1016	0.087	No	0.0531	0.723	No
ATAD2 vs. MCM10	0.2177	0.0001	Yes	0.6487	<0.0001	Yes	0.5353	0.0001	Yes

OC, ovarian cancer; ATAD2, ATPase family AAA domain-containing protein 2; MKI67, marker of proliferation Ki-67; PCNA, proliferation cell nuclear antigen; MCM, methylmalonyl-CoA mutase; TCGA, The Cancer Genome Atlas.