Supplemental Table 5. Phosphoproteins with Ox-PAPC-induced phosphorylation levels that are involved in focal adhesion (KEGG pathway hsa04510)

Protein	Entrez	Phosphorylation site induced by Ox-PAPC. Bovine site (Human site)[a]	Reported activation by Ox-PAPC [b]
ZYXIN	ZYX	S11 (S73)	
PAXILLIN	PXN	S302 (S272)	Phosphosites reported[32] Y31 Y118 S126 S178 S273
INTEGRIN, BETA 1	ITGB1	Y783 (Y783)	Yes, but no phosphosite identified[34]
MYOSIN LIGHT CHAIN 2	MLC2/ MRLC2/ MYL12B	T18 (T19) S19 (S20)	Reported no change of this site upon induction by Ox-PAPC[12]
INTEGRIN, BETA 4	ITGB4	S1060 (S1069) S1442 (S1454) S1445 (S1457)	
SHC TRANSFORMING PROTEIN 1	SHC1	Y428 (Y428)	
P21 PROTEIN (CDC42/RAC)-ACTIVATED KINASE 2	PAK2	S5 (S197)	Phosphosite reported in PAK1[32] T423
INTEGRIN, BETA 3	ITGB3	Y781 (Y785)	
CAVEOLIN 1	CAV1	Y14 (Y14)	Phosphosite reported[33] Y14
MITOGEN-ACTIVATED PROTEIN KINASE 1	MAPK1	Y187 (Y187)	Phosphosite reported[9,31] T185 Y187
ACTIN, BETA	ACTB	Y169 (Y169)	Yes, but no phosphosite identified[40]
MITOGEN-ACTIVATED PROTEIN KINASE 3	MAPK3	T185 (T202) Y187 (Y204)	Phosphosite reported[9,31] T202 Y204
ACTININ, ALPHA 1	ACTN1	Y246 (Y246)	
BREAST CANCER ANTI-ESTROGEN RESISTANCE 1	BCAR1	T530 (T600)	
VINCULIN	VCL	S290 (S290) Y497 (Y822)	Yes, but no phosphosite identified[41]
KINASE INSERT DOMAIN RECEPTOR	KDR/ VEGFR2	Y1214 (Y1214)	Phosphosite reported[31] Y1175
GLYCOGEN SYNTHASE KINASE 3 BETA	GSK3B	Y216 (Y216)	
FILAMIN B, BETA	FLNB	S2112 (S2107)	

[a] Phosphosite induction by Ox-PAPC observed in this study. [b] Previously reported phosphosite inductions by Ox-PAPC.