

1 **Supplement materials**

2 **Table S1. Sequence information used in this study**

Name	Sequence
SDPR NC	5'-UUCUCCGAACGUGUCACGUTT-3'
SDPR siRNA1	5'-GGGACAACUCACAGGUGAATT-3'
SDPR siRNA2	5'-UCCUCCGACGCAACCAUUUTT-3'
SDPR siRNA3	5'-GCAGUGAGCAGAUGCCAAATT-3'
ERK NC	5'-UUCUCCGAACGUGUCACGUTT-3'
ERK siRNA	5'-GGACCUCAUGGAAACAGAUUTT-3'
CPT1A NC	5'-UUCUCCGAACGUGUCACGUTT-3'
CPT1A siRNA	5'-GCCATGAAGCTCTTAGACAAA-3'

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5 **Table S2. The qPCR primers used for this study**

Gene		Primer Sequence	GC(%)	Tm(°C)
SDPR	Forward	5'-CTCCGACGCAACCATTT-3'	52.94	55.09
	Reverse	5'-CTTTCTTGAGGCTATCCACTT-3'	42.86	55.30
PPAR α	Forward	5'-TCGGCGAGGATAGTTCTGGAAGC-3'	56.52	64.20
	Reverse	5'-ACCACAGGATAAGTCACCGAGGAG-3'	54.17	63.47
ERK	Forward	5'-GTACCTGGCAGACATGAACTAT-3'	45.45	57.59
	Reverse	5'-GTATCGTCCTCTAGAAAGCGTG-3'	50.00	58.38
CPT1A	Forward	5'-CTCCGCTGAGCCATGAAG-3'	63.16	60.52
	Reverse	5'-CACCAGTGATGATGCCATTCT-3'	47.62	58.35
β -actin	Forward	5'-CCTTCCTGGGCATGGAGTC-3'	63.16	63.16
	Reverse	5'-TGATCTTCATTGTGCTGGGTG-3'	47.62	58.56

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9 **Table S3. Information on antibodies used for this study**

Antibody	Cat. No.	WB	IP	IF	IHC	Specificity	Source
SDPR	12339-1-AP	1:500			1:100	Rabbit	Proteintech Antibody
ERK1/2	11257-1-AP	1:1000				Rabbit	Proteintech Antibody
PPAR α	ab227074	1:1000				Rabbit	Abcam Antibody
CPT1A	D12004	1:1000			1:100	Rabbit	Abmart Antibody
β -actin	BS6007M	1:5000				Mouse	Bioworld technology Antibody

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12 **Table S4. The expression profiling data of differential genes.**

Gene Name	Ave.control	Ave.SDPR	Fold change
<i>SDPR</i>	112.0085217	13170.99801	117.7852045
<i>CEMIP</i>	947.51619	3535.845454	3.731083147
<i>IL24</i>	95.80579755	398.7677542	4.153651954
<i>BOLA2-SMG1P6</i>	95.16310436	330.0037202	3.461639403
<i>TNFAIP6</i>	381.9368028	934.6547021	2.446766828
<i>CSF3</i>	75.50718671	317.3308404	4.190705392
<i>ASMTL</i>	879.4409849	431.0923733	0.490081016
<i>IL33</i>	97.63741497	373.2892349	3.816960937

<i>PRG4</i>	1045.56454	2255.836132	2.157852608
<i>CCL20</i>	212.2997255	482.8542715	2.274383437
<i>MMP1</i>	14.06654191	73.85390478	5.199575112
<i>STC1</i>	749.6181528	2044.993409	2.726111487
<i>RAC2</i>	85.2724012	210.2823493	2.466690357
<i>THBD</i>	898.4711112	1842.282822	2.050539954
<i>SAMSN1</i>	372.6938234	806.3474241	2.163699503
<i>CXCL8</i>	359.5328252	921.4861452	2.561941658
<i>IGFN1</i>	76.84591265	222.7089868	2.893085502
<i>C11orf96</i>	103.6273498	238.9984838	2.308767107
<i>SI00A9</i>	764.8853325	1571.466224	2.054378414
<i>SSPO</i>	243.6782992	552.7434827	2.267218361
<i>MYEOV</i>	126.1351488	321.6554302	2.547924408
<i>IL11</i>	79.13580344	181.8820397	2.291317721
<i>EGR1</i>	88.97797272	185.5078327	2.084586214
<i>TMEM158</i>	1723.068199	3509.822758	2.036611945
<i>INHBA</i>	33.97203341	141.3113802	4.106239209
<i>ITGAX</i>	169.80407	454.7532075	2.673727009
<i>RHCG</i>	205.4854416	459.1321593	2.231359211
<i>SERPINA1</i>	156.0753997	336.9232683	2.156598034
<i>PTGS2</i>	62.42970634	157.3018507	2.512953006
<i>SPINK13</i>	43.78913071	113.4419221	2.587979792
<i>IL13RA2</i>	7.765600032	37.55223793	4.766191465
<i>ANXA10</i>	33.15114408	95.78751413	2.872286538
<i>SLX1B</i>	32.21525769	264.983252	8.14047262
<i>STAC2</i>	65.38065819	25.92965945	0.397311504
<i>RASD1</i>	83.85950966	184.9943517	2.203940028
<i>OSCAR</i>	37.18010369	92.81733077	2.488549395
<i>KRT5</i>	71.0717401	31.26721716	0.4409586
<i>C4A</i>	50.36465781	111.2117486	2.202412121
<i>SAMD15</i>	40.02734733	14.1638969	0.35358446
<i>HSD11B1</i>	20.47273528	63.21987466	3.059160062
<i>NLRP6</i>	7.696846685	27.67678236	3.542197073
<i>MYO15A</i>	21.59619653	55.43844477	2.561079031
<i>GJA1</i>	17.93753108	51.27573227	2.850750911
<i>BNIP1</i>	22.38217419	55.6275675	2.472268808
<i>RGS17</i>	16.14670851	41.44764481	2.546695119
<i>SRRM3</i>	26.33225123	59.28884864	2.251908956
<i>BOP1</i>	136.6868414	39.98729625	0.288181867
<i>CYP21A2</i>	13.77825278	40.12391925	2.893858423
<i>SCG5</i>	49.95972967	112.3970954	2.241071699
<i>MSMB</i>	15.35190193	38.88235871	2.508435976
<i>TREM1</i>	25.07375157	72.00906081	2.846956023
<i>CPEB1</i>	5.222689524	20.1157688	3.762106635
<i>GTPBP6</i>	19.17473791	105.5787277	5.522142295
<i>COL17A1</i>	39.47722853	81.46786539	2.059934455
<i>PKD1L2</i>	27.60564287	58.1616305	2.095955847
<i>TIE1</i>	10.6768312	30.84301786	2.877754225
<i>BHMT</i>	15.18935073	3.589618037	0.247653264
<i>CXCL1</i>	13.21685507	34.67525289	2.619586888

<i>COL6A3</i>	5.698912175	24.90495513	4.21137328
<i>ARHGEF35</i>	8.622523984	25.46703146	2.94831249
<i>AZIN2</i>	28.36596318	59.86676609	2.104089524
<i>SPINK6</i>	60.94580549	158.0190294	2.556606976
<i>DNER</i>	29.63093731	61.97040789	2.085450448
<i>RPE65</i>	5.729070789	19.50998875	3.38402418
<i>NTN5</i>	18.7786611	44.61057175	2.369816015
<i>PTPN22</i>	6.385862483	21.25406751	3.294277757
<i>ZNF497</i>	61.40873293	30.74583284	0.499898972
<i>RBM20</i>	16.6651975	35.75159033	2.142598226
<i>NID1</i>	42.4784525	95.3516978	2.226197113
<i>CDHR2</i>	51.74934277	109.3642561	2.10257102
<i>HEPHL1</i>	51.57086258	114.1622658	2.194380556
<i>SIPR1</i>	14.94609426	33.67212936	2.252125829
<i>FCGR3B</i>	18.84324123	40.09298232	2.114540036
<i>CILP</i>	76.68417353	31.37253409	0.408675971
<i>CCR7</i>	15.81179721	5.021326726	0.320823422
<i>TMEM132B</i>	22.80893203	45.94696235	2.016444116
<i>CYTH4</i>	20.9227615	45.55133941	2.16960892
<i>NOS3</i>	7.983802753	20.71616147	2.54626075
<i>ALPI</i>	27.09208148	10.36395928	0.387420498
<i>APCDD1L</i>	17.70982841	40.16285234	2.248955376
<i>ESRP2</i>	13.44048923	29.90044121	2.213059939
<i>GIMAP2</i>	13.26881896	3.203265668	0.244363403
<i>LGALS9C</i>	16.26724963	36.10396602	2.198069408
<i>MRO</i>	46.23234283	22.11243566	0.478583158
<i>CSF2</i>	6.00660953	21.18966085	3.442666667
<i>CORO2B</i>	31.77744711	63.78040742	2.003928944
<i>EIF3CL</i>	126.9127645	422.8651182	3.290977064
<i>CDHR3</i>	7.692970647	1.011656872	0.136820652
<i>CCL3</i>	12.56282556	28.38639891	2.239881376
<i>VANGL2</i>	27.9885532	11.90358506	0.426835362
<i>VEGF</i>	45.06050586	96.24631881	2.11922558
<i>ACOX2</i>	19.4120861	45.73771133	2.335222996
<i>GTF2IRD2B</i>	47.18093337	96.00557919	2.035025119
<i>EIF3C</i>	1536.422822	615.6995273	0.401438672
<i>SERF1A</i>	7.414638846	19.1735532	2.558261926
<i>RGPD6</i>	137.2793082	302.9010097	2.218930706
<i>C2orf66</i>	8.164968644	19.89641057	2.429332932
<i>SMIM24</i>	8.771677175	1.935766918	0.225345796
<i>C3AR1</i>	6.633015136	16.82444771	2.49349924
<i>RPS17</i>	76.70073087	181.2310274	2.330956541
<i>DNAI1</i>	21.20796477	8.530587796	0.403257564
<i>SMN1</i>	677.5742267	1365.476865	2.012090084
<i>PCDHGA4</i>	6.968234869	1.130849585	0.187067301
<i>PHKG1</i>	15.44745536	32.91458109	2.129885863
<i>EXOC3L1</i>	11.71821741	29.2909483	2.473737558
<i>ATG9B</i>	7.572966011	21.04232882	2.719641448
<i>TCAP</i>	16.11659244	5.440469957	0.345234126
<i>CHGB</i>	8.08931705	23.52084718	2.842923307

<i>KLRG2</i>	8.925944292	20.45202333	2.28729153
<i>CAGE1</i>	13.10703926	1.888299633	0.151621299
<i>OVOL1</i>	9.095821083	20.32910968	2.213425131
<i>SERPINB2</i>	17.20583634	53.03048616	3.001381733
<i>PTH1R</i>	23.36815475	11.45332423	0.494210645
<i>NTSR1</i>	8.194798831	19.58632052	2.380356504
<i>TIAF1</i>	19.95487615	8.493603681	0.432418908
<i>SCNN1G</i>	6.678777627	1.224609539	0.200353691
<i>SERF1B</i>	40.02790641	87.70086975	2.210386269
<i>GTF2IRD2</i>	27.14312179	74.96595584	2.696670029
<i>NOVA2</i>	10.72630624	22.98916481	2.138980151
<i>ZFPM2</i>	10.159351	3.187767715	0.317301445
<i>CALB2</i>	14.64388993	4.773838112	0.330124334
<i>LRRC4B</i>	11.83347277	25.00194695	2.090698677
<i>FOXD4</i>	7.158566811	1.363040045	0.1909987
<i>SLC25A6</i>	755.2945248	193.8998524	0.259852185
<i>IL3RA</i>	10.99188206	26.97993784	2.45245934
<i>SLC22A20</i>	13.09326834	3.325238289	0.263331037
<i>SERPINC1</i>	6.054537327	1.205121829	0.22004735
<i>AKR1B10</i>	49.41300151	22.67220366	0.461528805
<i>TFF2</i>	7.530594456	1.130849585	0.171130894
<i>CRAT</i>	6564.591463	1892.797686	0.288334422
<i>PRRG2</i>	11.25367036	3.024317101	0.279324471
<i>SLCO1B1</i>	5.626315375	13.7026698	2.399421385
<i>FITM1</i>	5.647576616	1.179272818	0.233730575
<i>AASS</i>	6.145003207	16.10440832	2.607412873
<i>KLHL6</i>	8.086873124	1.370455272	0.171933112
<i>HSPA6</i>	29.66096749	71.37192379	2.346311831
<i>FAM71E1</i>	7.921099384	19.3654196	2.405995291
<i>FAM186A</i>	11.52551178	3.9592339	0.353139362
<i>LMOD1</i>	11.9394319	24.84343504	2.070444948
<i>CCDC87</i>	12.20837043	3.684624219	0.30864861
<i>KIR3DL3</i>	15.66942808	5.808564405	0.370984047
<i>CDH5</i>	7.681851406	1.888299633	0.256084715
<i>C20orf96</i>	6.851067841	16.97657995	2.424837156
<i>CLEC18B</i>	11.36854456	25.17465524	2.18457209
<i>ECSCR</i>	5.704556622	13.56753742	2.361786976
<i>WNT2B</i>	22.59594912	47.24012195	2.085051386
<i>UBL4B</i>	10.41052499	22.94501999	2.171459947
<i>SLC17A7</i>	7.8401641	16.41323574	2.091083533
<i>BIRC7</i>	6.764447335	15.21730137	2.244612783
<i>LRRC15</i>	9.833762815	20.98199818	2.113854806
<i>GPR182</i>	6.540563364	1.451793657	0.244382923
<i>HBE1</i>	6.495272858	1.224609539	0.204232886
<i>ELOVL2</i>	6.217246409	1.224609539	0.214081354
<i>TMC4</i>	9.58873312	20.17444332	2.096209053
<i>C17orf105</i>	5.817967952	1.031439085	0.180791158
<i>MPIG6B</i>	7.728002763	16.96648729	2.173116955
<i>TRIM31</i>	11.69610587	4.79265108	0.411002457
<i>FAT2</i>	22.29543825	9.905117094	0.445641598

<i>SHH</i>	7.659966539	16.42887332	2.118887476
<i>SHD</i>	15.66942808	5.705073472	0.36760045
<i>CAMK1G</i>	5.028630882	15.40703461	2.958171096
<i>CCL3L1</i>	7.936699605	18.89060324	2.352774094
<i>VWA1</i>	7.910596678	15.79809981	2.001792731
<i>PLAC4</i>	5.111452218	15.7361262	2.979875821
<i>SHANK1</i>	8.44752986	19.70668586	2.288282346
<i>GRIN3B</i>	8.55549868	17.13157991	2.002788371
<i>DHH</i>	5.903774031	15.0254752	2.514262006
<i>KCNC1</i>	6.757484274	1.884451646	0.290829695
<i>CAMK2A</i>	6.270883935	15.36279975	2.402771577
<i>CAMK2B</i>	6.85972545	15.76277807	2.279962821
<i>DNALI1</i>	7.429123274	2.365559755	0.337633375
<i>WNT7A</i>	5.549208374	13.13101878	2.323336492
<i>LRRC34</i>	7.10124255	14.2572026	2.000550271
<i>RPI</i>	6.9460934	16.07500452	2.278564728
<i>TMEM89</i>	7.869761984	2.643605985	0.354598316
<i>TCN2</i>	6.689135863	13.64205119	2.019746849
<i>ARPC4-TTLL3</i>	6.338939669	13.34506519	2.084936005
<i>GNGT1</i>	12.37267476	5.783069137	0.476957014
<i>KLRC3</i>	12.89749413	6.107052221	0.481195277
<i>SPEF1</i>	11.87010981	5.556108462	0.474365784
<i>UBASH3A</i>	7.209161874	1.715488603	0.237336698
<i>CELF3</i>	7.105353386	14.42722982	2.017750632
<i>PIWIL2</i>	7.455895816	15.69021573	2.092425465
<i>PPP5D1</i>	11.39658683	3.923902035	0.352711012
<i>GOLGA6B</i>	7.638146891	17.93650997	2.29735186
<i>CKMT1A</i>	8.997990028	3.753191618	0.422594621
<i>PRKCG</i>	6.938951774	14.50110311	2.056745409
<i>CCDC85A</i>	12.72630005	6.221020042	0.493980076
<i>CACNA1B</i>	12.48192165	6.107052221	0.498165237
<i>ALS2CR12</i>	11.37278826	5.450639999	0.490100353
<i>SMIM2</i>	10.28083833	4.990773486	0.491647871
<i>KCNS2</i>	6.367837873	1.772783053	0.29726337
<i>C12orf80</i>	6.740987406	2.417188175	0.376700766
<i>C11orf53</i>	6.297618618	14.02975753	2.185128307
<i>ACOXL</i>	13.3199938	6.405374208	0.481223489
<i>CABYR</i>	10.8989343	5.105277861	0.481216041
<i>GPR35</i>	8.594766656	19.00102215	2.205080577
<i>PI15</i>	7.303278024	2.591098673	0.372212171
<i>FAM106B</i>	5.028630882	12.2453346	2.378149399
<i>HIST4H4</i>	9.920578558	3.99399453	0.412807189
<i>PPARA</i>	12092.67235	2340.025371	0.193507713
<i>CRYGN</i>	14.47340376	7.076130819	0.494199739
<i>MTRNR2L8</i>	6.45741136	13.6259586	2.096946488
<i>XAF1</i>	5.375884601	1.811206988	0.359155099
<i>SLC5A9</i>	11.8930918	5.218961409	0.438822235
<i>PRLR</i>	5.014431763	10.3318821	2.057230771
<i>ASGR2</i>	6.060766644	1.250238711	0.222710248
<i>HIST2H3D</i>	9.222735865	3.861152422	0.421043245

<i>SLC6A15</i>	11.44116103	23.45681523	2.033561749
<i>MANSC4</i>	6.572345663	2.417188175	0.38395934
<i>TMEM145</i>	5.222689524	10.69648756	2.016954303
<i>RGN</i>	8.649051733	3.434283089	0.405335268
<i>NAALADL2</i>	5.634982948	1.370455272	0.247382827
<i>HIST1H2BG</i>	8.027536788	3.6593224	0.467195574
<i>SMC1B</i>	16.39019484	8.0386219	0.496670864
<i>GSG1L2</i>	8.987128247	4.317114376	0.48686721
<i>IL37</i>	9.857461828	4.234511878	0.439872686
<i>KRT23</i>	8.997990028	3.93704549	0.437051757
<i>CDKL2</i>	10.86052629	4.724515901	0.444323647
<i>SLC26A8</i>	5.053863415	1.811206988	0.38061368
<i>PCDHB7</i>	6.049232265	2.365559755	0.412756413
<i>GPR34</i>	5.310904311	2.080072985	0.415066951
<i>RAD21L1</i>	6.002146932	12.86958386	2.13058928
<i>SYNDIG1L</i>	10.08388499	3.784078615	0.368050103
<i>ANKRD2</i>	9.992615979	4.12884672	0.405539669
<i>IFT74</i>	16.14600408	7.352750356	0.445935355
<i>FAM47E</i>	5.056297792	1.544079671	0.319904122
<i>SLC9C2</i>	6.769147326	2.505214082	0.381789581
<i>LGSN</i>	8.954829207	3.844324476	0.434382877
<i>NELL2</i>	5.768299151	2.454724208	0.440126881
<i>RAB17</i>	10.45987857	5.10774048	0.489111207
<i>HIGD1B</i>	5.183197057	1.941214464	0.381032662
<i>P2RY4</i>	6.470326481	2.785617091	0.441184209
<i>APOC3</i>	6.951475692	3.108022129	0.453404983
<i>LPI</i>	12.81006693	6.254915516	0.489976104
<i>GKN2</i>	5.290440103	2.365559755	0.46952828
<i>CNR1</i>	7.390172788	3.215202286	0.442130335
<i>NIM1K</i>	5.40468333	2.205022637	0.419565196
<i>FBXL22</i>	6.50862479	3.064289794	0.482260217
<i>AEBP1</i>	5.698912175	12.8239579	2.175269967
<i>PCYT1B</i>	6.174829533	2.409829151	0.389849702
<i>THEGL</i>	5.176580926	1.701039205	0.345287697
<i>KCNJ4</i>	5.581248916	2.270594561	0.417106775
<i>CRLF2</i>	30.61700991	64.93552942	2.14703231
<i>ODF3L2</i>	5.626315375	2.412606221	0.425913156
<i>SPINK5</i>	8.398830408	3.911867919	0.476467896
<i>PALM3</i>	7.283465306	3.592955308	0.498400099
<i>LRRC17</i>	5.250059759	2.365559755	0.463663428
<i>C10orf107</i>	5.192938086	2.443645078	0.477812872
<i>PRCD</i>	5.336371634	2.443645078	0.47039177
<i>SIT1</i>	5.089078533	1.985893184	0.400328539
<i>HMSD</i>	5.581248916	2.714468587	0.482422903
<i>POPDC2</i>	5.546696973	2.546109466	0.46555452
<i>PSAPL1</i>	5.40832345	2.532276674	0.474922477
<i>RAB40AL</i>	5.42989858	2.405111755	0.4396846
<i>C1orf210</i>	6.340492335	2.88551408	0.471273428
<i>CBY3</i>	6.060766644	2.831669747	0.481601856
<i>CPT1A</i>	13600.66024	3434.751154	0.252542972

<i>ACOT8</i>	1424.945367	454.2669628	0.318796056
<i>AKT2</i>	6414.568364	2951.131669	0.460067069
<i>ABCD1</i>	7679.049057	2696.074326	0.351094817
<i>AKT1</i>	18366.62257	8346.299661	0.45442757

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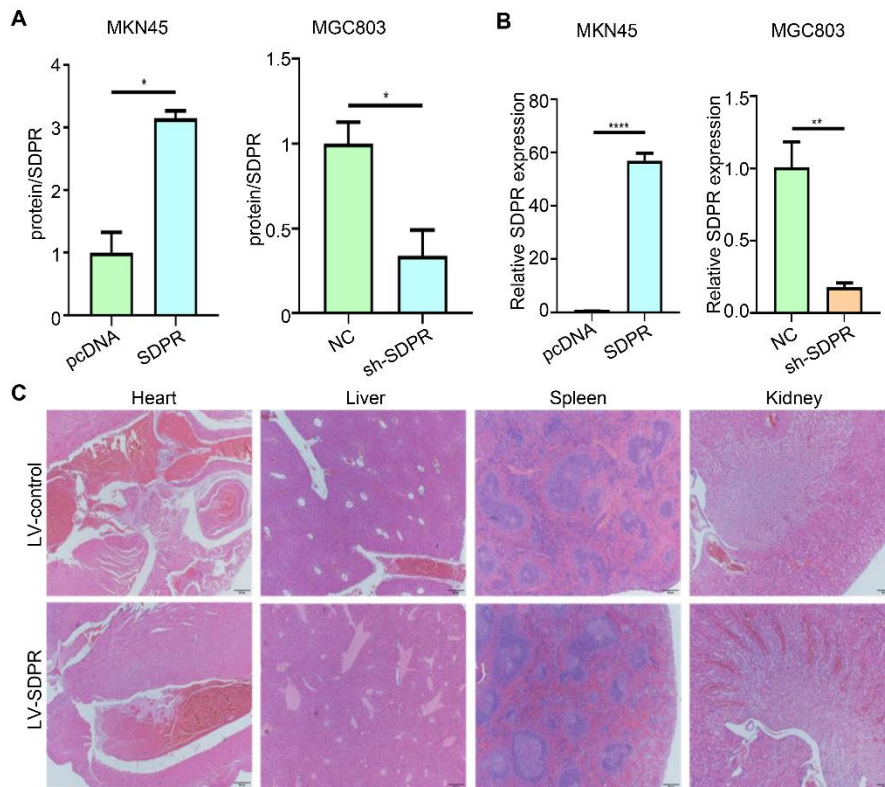
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33 **Supplementary figures**

Figure S1



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35 **Figure S1 SDPR inhibits tumour metastasis in vitro and in vivo**

36 (A) Western blot was used to verify SDPR overexpression and knockdown efficiency. (B) qRT-PCR

37 was used to verify SDPR overexpression and knockdown efficiency. (C) HE staining of

38 histopathological sections of heart, liver, spleen and kidney of model mice. ** $P < 0.01$; *** $P < 0.001$;

39 **** $P < 0.0001$

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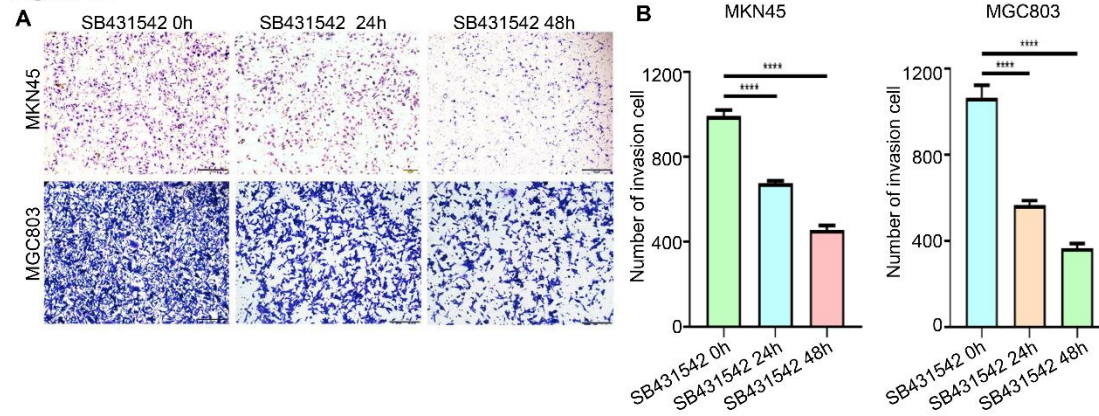
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Figure S2



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47 **Figure S2 SDPR is involved in TGF- β -mediated gastric cancer metastasis**

48 (A-B) Transwell chamber migration assay was used to detect the migration and invasion ability of

49 MKN45 and MGC803 cells treated with TGF- β inhibitor for 0, 24, or 48h. The cells were counted

50 under a microscope in five randomly selected fields. ** $P < 0.01$; *** $P < 0.001$; **** $P < 0.0001$.

51 Magnification, 100 \times .

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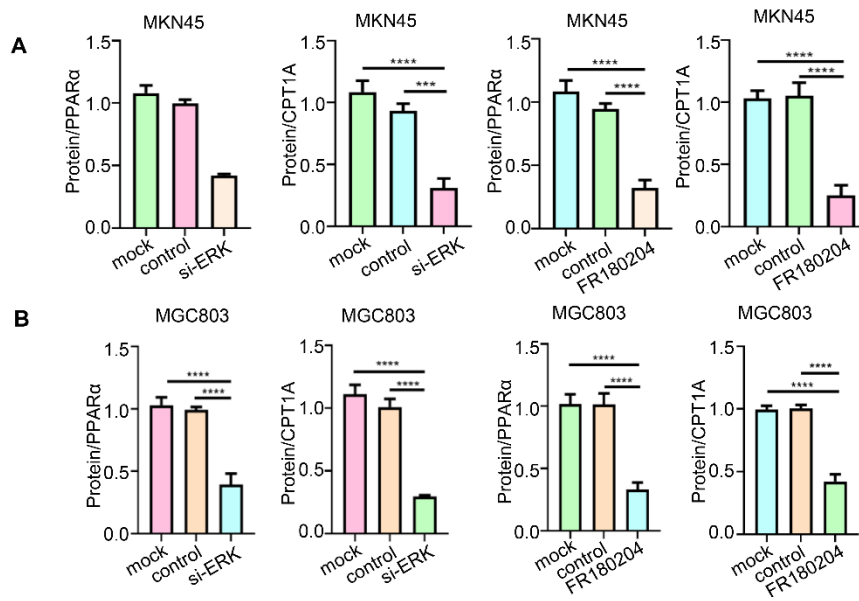
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Figure S3



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63 **Figure S3 SDPR regulates CPT1A**

64 (A) Western blot was used to detect the changes in PPARα and CPT1A in MKN45 cells treated with

65 ERK interference or inhibitor. (B) Western blot was used to detect the changes in PPARα and CPT1A

66 in MGC803 cells treated with ERK interference or inhibitor. ** $P < 0.01$; *** $P < 0.001$; **** $P <$

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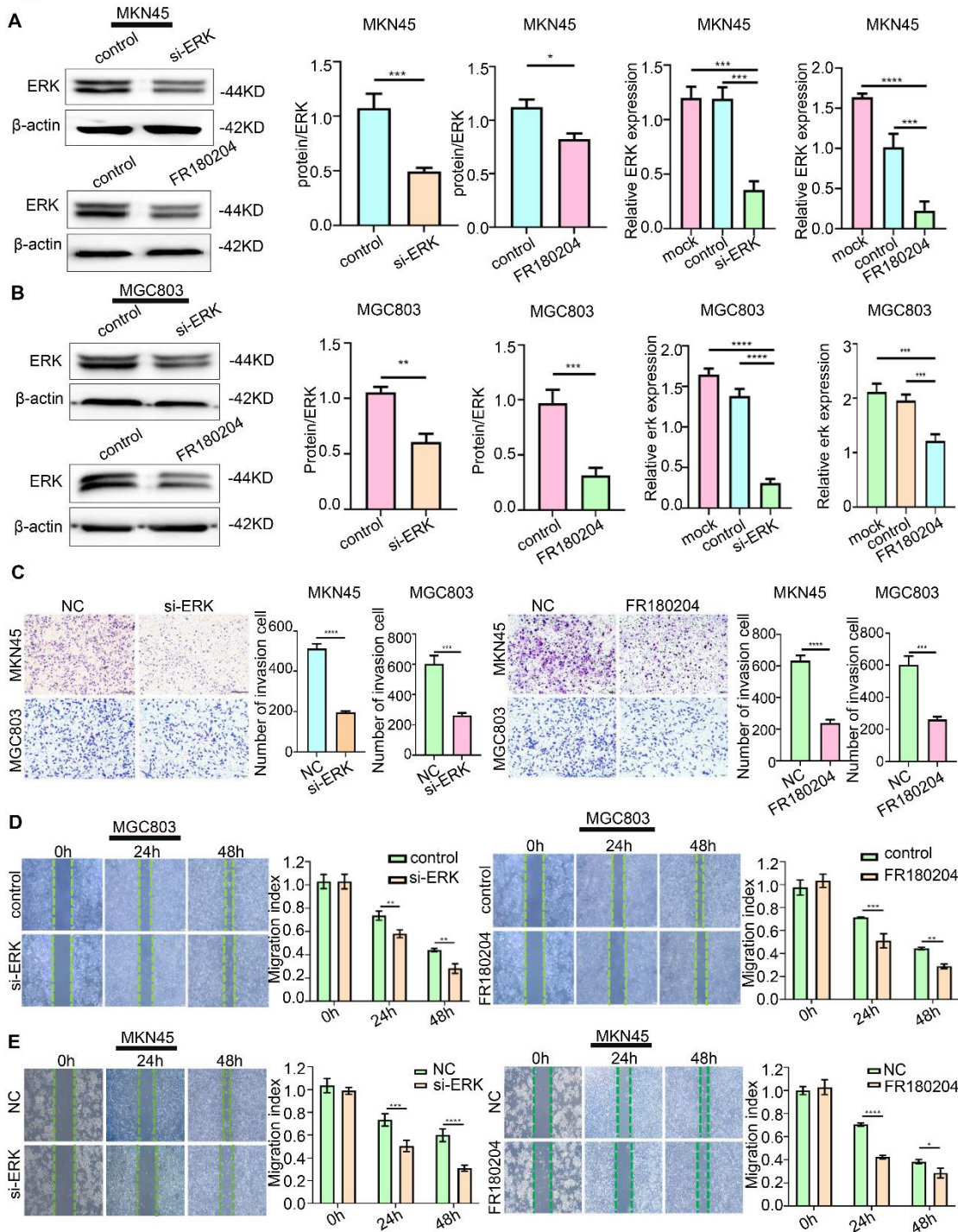
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Figure S4



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78 **Figure S4 SDPR regulates CPT1A through the ERK/PPAR α pathway**

79 (A) Western blot and qRT-PCR were performed to verify the efficiency of ERK interference or

80 suppression in MKN45 cells. (B) Western blot and qRT-PCR were performed to verify the efficiency

81 of ERK interference or suppression in MGC803 cells. (C) Transwell chamber migration assay was used

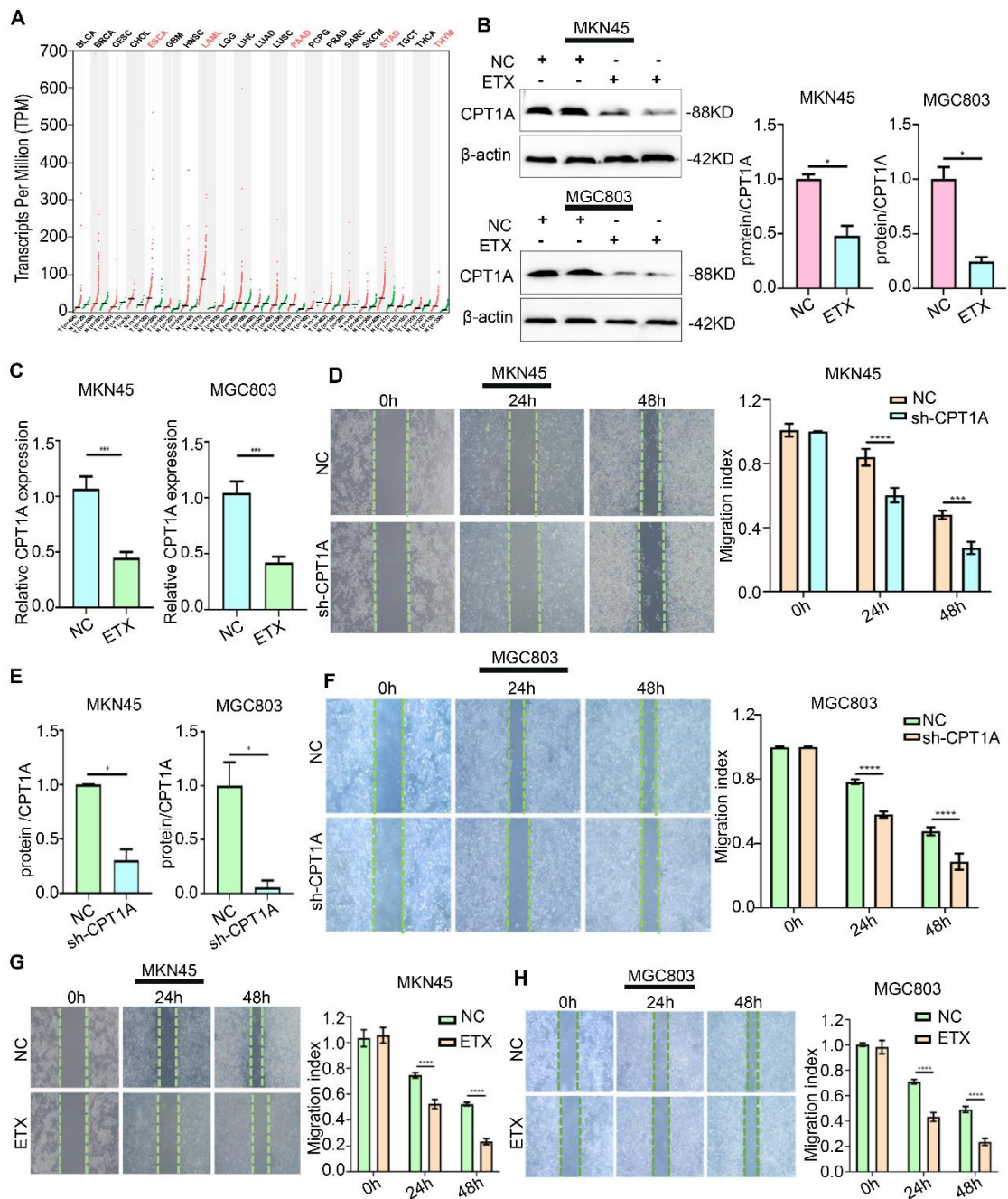
82 to detect the migration and invasion abilities of MKN45 and MGC803 cells after ERK interference or
83 suppression.(D) A wound healing assay was used to detect the migration ability of MGC803 cells after
84 ERK interference or suppression. (E) A wound healing assays were used to detect the migration ability
85 of MKN45 cells after ERK interference or suppression. ** $P < 0.01$; *** $P < 0.001$; **** $P < 0.0001$

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Figure S5



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90 Figure S5 CPT1A promotes gastric cancer metastasis

91 (A)CPT1A was highly expressed in most tumours according to TCGA microarray analysis;(B-C)

92 Western blot and qRT-PCR were used to verify the inhibition efficiency of CPT1A in MKN45 and

93 MGC803 cells treated with ETX. (D) Wound healing assay were used to detect the migration ability of

94 MKN45 cell after CPT1A knockout. (E)Western blot was used to detect the knockout efficiency of

95 CPT1A in MKN45 and MGC803 cells. (F-H) Wound healing assay were used to detect the migration

96 ability of MGC803 and MKN45 cells after CPT1A knockout or suppression. * $P < 0.05$; *** $P < 0.001$;

97 **** $P < 0.0001$

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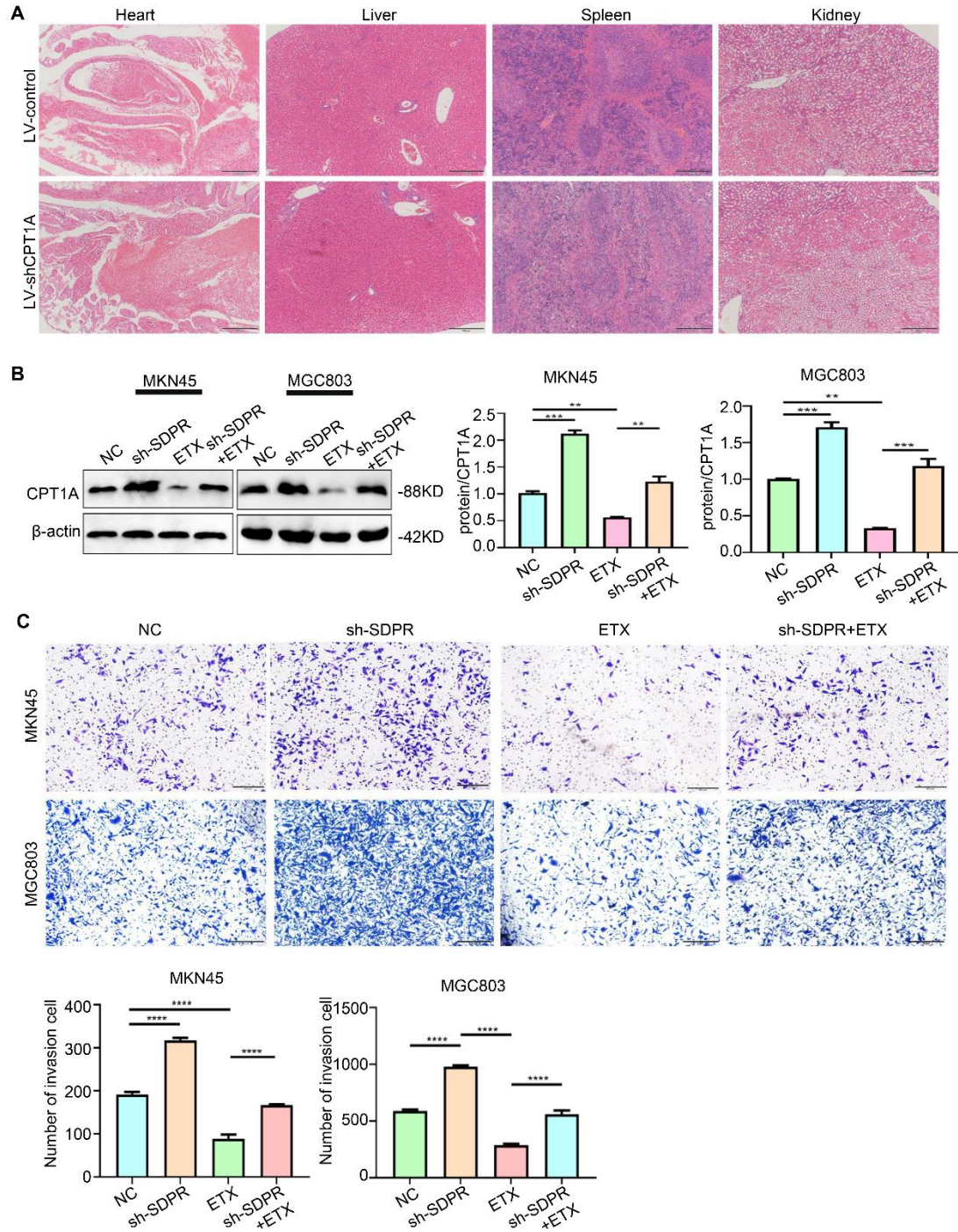
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Figure S6



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114 **Figure S6 CPT1A promotes gastric cancer metastasis and fatty acid oxidation**

115 (A) HE staining of histopathological sections of heart, liver, spleen and kidney of model mice. (B)

116 Western blot recovery assay confirmed that knockdown of SDPR could restore the inhibitory effect of

117 ETX on CPT1A. (C) Transwell recovery assay was used to detect the migration and invasion ability of

118 MKN45 and MGC803 cells treated with ETX, sh-SDPR, or ETX+ sh-SDPR. ** $P < 0.01$; *** $P <$

119 0.001; **** $P < 0.0001$

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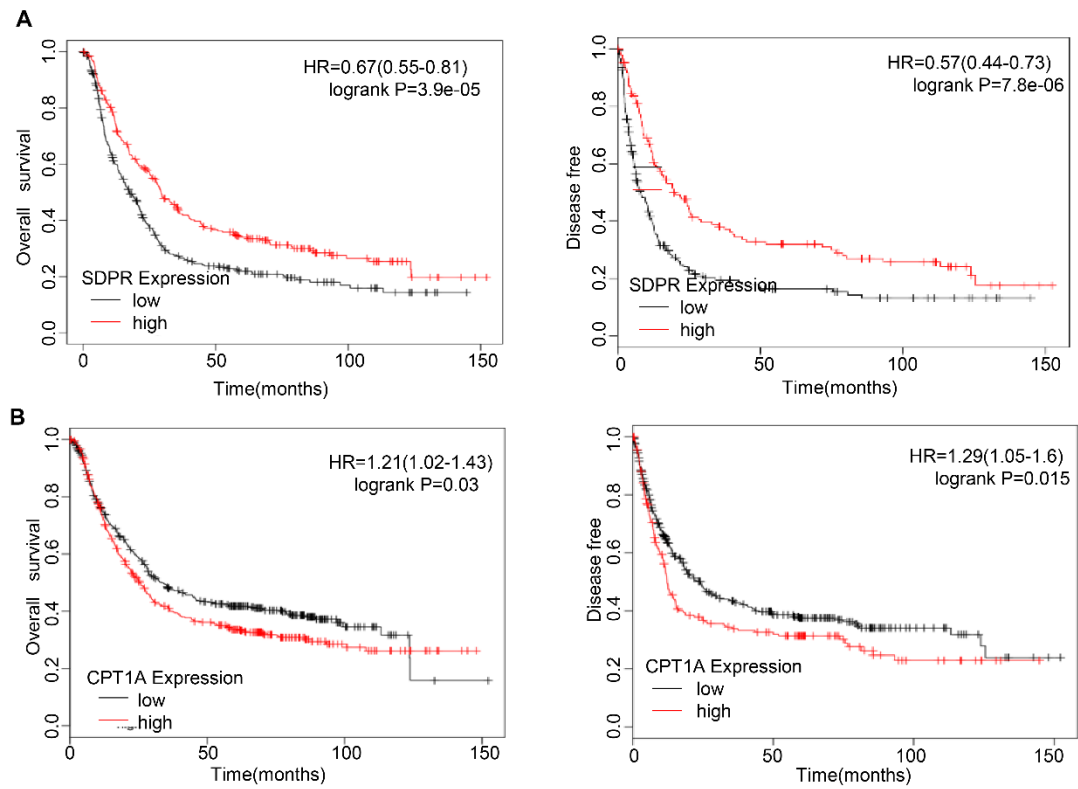
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Figure S7



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133 **Figure S7 SDPR/CPT1A is associated with clinical prognosis in gastric cancer**

134 (A-B) Kaplan-meier survival analysis was performed to analyze the relationship between SDPR and

135 CPT1A expression and the prognosis of patients by database analysis. * $P < 0.05$; ** $P < 0.01$; *** $P <$

136 0.001; **** $P < 0.0001$

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