

文献No	检测对象	文献
1	A2780 (人卵巢癌)	Caroline J. Breitbach et al., " Intravenous delivery of a multi-mechanistic cancer-targeted oncolytic poxvirus in humans " Nature, 2011, 477(7362), 99-102.
2	A549 (人肺癌)	K. Hattori et al., " Cold stress-induced ferroptosis involves the ASK1-p38 pathway " EMBO Rep., 2017, 18, 2067-2078, doi: 10.15252/embr.201744228.
3	A549 (人肺癌)	T. Ida et al., " Reactive cysteine persulfides and S-polythiolation regulate oxidative stress and redox signaling " Proc. Natl. Acad. Sci., 2014, 111(21), 7606
4	A549 (人肺癌、4%PFA 固定)	R. Tanino et al., " Novel drug-resistance mechanisms of pemetrexed-treated non-small cell lung cancer " Oncotarget., 2018, 9(24), 16807-16821, doi: 10.18632/oncotarget.24704.
5	AGS (人胃腺癌)	Y. Hayakawa et al., " Apoptosis signal-regulating kinase 1 and cyclin D1 compose a positive feedback loop contributing to tumor growth in gastric cancer " Proc. Natl. Acad. Sci., 2011, 108(2), 780
6	ALL (Human acute lymphoid leukemia)	Zhengshan Chen et al., " Signaling thresholds and negative B-cell selection in acute lymphoblastic leukaemia " Nature, 2015, 521, 357-361.
7	Ba/F3 (鼠 pro-B 细胞)	Marcin Imielinski et al., " Mapping the Hallmarks of Lung Adenocarcinoma with Massively Parallel Sequencing " Cell, 2012, 150(6), 1107-1120.
8	BALB/3T3 (鼠纤维芽细胞)	H. Tominaga et al., " A water-soluble tetrazolium salt useful for colorimetric cell viability assay " Anal. Commun., 1999, 36, 47
9	C3H10T1/2 (鼠胚胎)	S. F. Jin et al., " XL413, a cell division cycle 7 kinase inhibitor enhanced the anti-fibrotic effect of pirfenidone on TGF-β1-stimulated C3H10T1/2 cells via Smad2/4. " Exp Cell Res., 2015, 339(2), 289-99, doi: 10.1016/j.yexcr.2015.11.013.
10	dermal fibroblasts (人体皮肤成纤维细胞)	Thomas Wohlfahrt et al., " PU.1 controls fibroblast polarization and tissue fibrosis " Nature, 2019, 566, 344-349.
11	EA. Hy926 (人血管内皮细胞)	Y. Xu et al., " Survivin regulated by autophagy mediates hyperglycemia-induced vascular endothelial cell dysfunction " Exp. Cell Res., 2018, 364(2), 152-159, doi: 10.1016/j.yexcr.2018.01.037.
12	Endothelial cell (内皮细胞)	Virginia Guarani et al., " Acetylation-dependent regulation of endothelial Notch signalling by the SIRT1 deacetylase " Nature, 2011, 473(7346), 234-238.
13	FaDu (人咽癌)	Hiba Ahmad Zahreddine et al., " The sonic hedgehog factor GLI1 imparts drug resistance through inducible glucuronidation " Nature, 2014, 511(7507), 90-93.

14	glioblastoma cells (人脑胶质瘤)	Wan Li et al., " 3-O-acetyl-11-keto-β-boswellic acid exerts anti-tumor effects in glioblastoma by arresting cell cycle at G2/M phase " J Exp Clin Cancer Res., 2018, 37(1), 132, doi: 10.1186/s13046-018-0805-4.
15	HCC (肝细胞癌)	Kun Chen et al., " Methyltransferase SETD2-Mediated Methylation of STAT1 Is Critical for Interferon Antiviral Activity " Cell, 2017, 170(3), 492-506.
16	HCE (人角膜上皮)	Y. Huo et al., " The protective effect of EGF-activated ROS in human corneal epithelial cells by inducing mitochondrial autophagy via activation TRPM2. " J Cell Physiol., 2020, doi: 10.1002/jcp.29597..
17	HCT116 (人结肠腺癌)	TaChung Yu et al., " Fusobacterium nucleatum Promotes Chemoresistance to Colorectal Cancer by Modulating Autophagy " Cell, 2017, 170(3), 548-563.
18	HDF38 (线维芽细胞)	Y. Takeda et al., " A developed serum-free medium and an optimized chemical cocktail for direct conversion of human dermal fibroblasts into brown adipocytes " 2020, 10, 3775. doi: 10.1038/s41598-020-60769-x..
19	HEK293 (人胎儿肾细胞, SFXN2敲除)	E. E. Mon et al., " Regulation of mitochondrial iron homeostasis by siderofexin 2 " J Physiol Sci., 2019, 69(2), 359-373, doi: 10.1007/s12576-018-0652-2.
20	HEK293T (人胎儿肾细胞)	Liqiang Pan et al., " Higher-Order Clustering of the Transmembrane Anchor of DR5 Drives Signaling " Cell, 2019, 176(6), 1477-1489.
21	HeLa (人宫颈癌)	Christian Münch et al., " Mitochondrial unfolded protein response controls matrix pre-RNA processing and translation " Nature, 2016, 534, 710-713.
22	HeLa (人宫颈癌)	M. Ishiyama et al., " A Highly Water-Soluble Disulfonated Tetrazolium Salt as a Chromogenic Indicator for NADH as Well as Cell Viability " Talanta., 1997, 44, 1299
23	HeLa (人宫颈癌)	H. Tominaga et al., " A water-soluble tetrazolium salt useful for colorimetric cell viability assay " Anal. Commun., 1999, 36, 47
24	hepatocytes (肝细胞)	H. Nakagawa et al., " ER Stress Cooperates with Hypernutrition to Trigger TNF-Dependent Spontaneous HCC Development " Cancer Cell, 2014, 26(3), 331-343, doi: 10.1016/j.ccr.2014.07.001.
25	HepG2 (人肝癌)	Melissa L. Hancock et al., " Insulin Receptor Associates with Promoters Genome-wide and Regulates Gene Expression " Cell, 2019, 177(3), 722-736.
26	HepG2 (人肝癌)	L. Hu et al., " Notoamide-type alkaloid induced apoptosis and autophagy via a P38/JNK signaling pathway in hepatocellular carcinoma cells " RSC Adv., 2019, 9, 19855-19868.

27	HL60 (人白血病)	H. Tominaga et al., " A water-soluble tetrazolium salt useful for colorimetric cell viability assay " Anal. Commun., 1999, 36, 47
28	HLMVEC (人肺微血管内皮细胞)	K. Koike et al., " Role of Glucosylceramide in Lung Endothelial Cell Fate and Emphysema " Am J Respir Crit Care Med., 2019, 200(9), 1113-1125, doi: 10.1164/rccm.201812-2311OC.
29	HRCEpiC (人皮质上皮细胞)	Y. Zhao et al., " Metformin rescues Parkin protein expression and mitophagy in high glucose-challenged human renal epithelial cells by inhibiting NF-κB via PP2A activation. " Life Sci., 2020, 246, 117382, doi: 10.1016/j.lfs.2020.117382.
30	HRPTEpic (人肾近端小管上皮细胞)	Y. Zhao et al., " Metformin rescues Parkin protein expression and mitophagy in high glucose-challenged human renal epithelial cells by inhibiting NF-κB via PP2A activation. " Life Sci., 2020, 246, 117382, doi: 10.1016/j.lfs.2020.117382.
31	HT29 (人结肠腺癌)	TaChung Yu et al., " Fusobacterium nucleatum Promotes Chemoresistance to Colorectal Cancer by Modulating Autophagy " Cell, 2017, 170(3), 548-563.
32	HT29 (人结肠腺癌)	Yonghyun Lee et al., " Hyaluronic acid–bilirubin nanomedicine for targeted modulation of dysregulated intestinal barrier, microbiome and immune responses in colitis " Nature Materials, 2019, doi: 10.1038/s41563-019-0462-9.
33	Huh-7 (人肝细胞癌)	L. Hu et al., " Notoamide-type alkaloid induced apoptosis and autophagy via a P38/JNK signaling pathway in hepatocellular carcinoma cells " RSC Adv., 2019, 9, 19855-19868.
34	HUVEC (人脐静脉内皮细胞)	N. Li et al., " MoS2-LA-PEI nanocomposite carrier for real-time imaging of ATP metabolism in glioma stem cells co-cultured with endothelial cells on a microfluidic system " Biosens Bioelectron., 2017, 99(2018), 142
35	HUVEC (人脐静脉内皮细胞)	T. Tu et al., " CD146 acts as a novel receptor for netrin-1 in promoting angiogenesis and vascular development " Cell Res., 2015, 25(3), 275
36	KM-H2 (霍奇金病细胞)	Motohiro Kato et al., " Frequent inactivation of A20 in B-cell lymphomas " Nature, 2009, 459(7247), 712-716.
37	L02 (人肝细胞)	Qingqiang Xu et al., " Critical role of caveolin-1 in aflatoxin B1-induced hepatotoxicity via the regulation of oxidation and autophagy " Cell Death Dis., 2020, 11(1), 6, doi: 10.1038/s41419-019-2197-6.
38	L02 (人肝细胞)	D. Zhou et al., " Prolyl Oligopeptidase Inhibition Attenuates Steatosis in the L02 Human Liver Cell Line. " PLoS One., 2016, 11(10), e0165224, doi: 10.1371/journal.pone.
39	L929 (小鼠结合组织)	H. Tominaga et al., " A water-soluble tetrazolium salt useful for colorimetric cell viability assay " Anal. Commun., 1999, 36, 47

40	LAN-2 (成神经细胞瘤)	Yuyan Chen et al., "Oncogenic mutations of ALK kinase in neuroblastoma" Nature, 2008, 455(7215), 971-974.
41	Leukemia cells (人白血病)	Gang Xiao et al., "B-Cell-Specific Diversion of Glucose Carbon Utilization Reveals a Unique Vulnerability in B Cell Malignancies" Cell., 2018, 173(2), 470-484.
42	MC3T3-E1 (老鼠头骨冠)	A. Oyane et al., "Laser-assisted wet coating of calcium phosphate for surface-functionalization of PEEK" PLoS One., 2018, 13(10), doi: 10.1371/journal.pone.0206524.
43	MCF7 (人乳腺癌)	K. Takayam et al., "Prediction of interindividual differences in hepatic functions and drug sensitivity by using human iPS-derived hepatocytes" Proc. Natl. Acad. Sci., 2014, 111(47), 16772
44	MEF (小鼠胎儿成纤维细胞)	Daniel Cortázar et al., "Embryonic lethal phenotype reveals a function of TDG in maintaining epigenetic stability" Nature, 2011, 470(7334), 419-423.
45	MEF (小鼠胎儿成纤维细胞)	Y. Takanezawa et al., "Atg5-dependent autophagy plays a protective role against methylmercury-induced cytotoxicity" Toxicol. Lett., 2016, 262, 135-141, doi: 10.1016/j.toxlet.2016.09.007.
46	MIA PaCa-2 (人类胰腺腺癌)	R. Chugh et al., "A Preclinical Evaluation of Minnelide as a Therapeutic Agent Against Pancreatic Cancer" Sci. Transl. Med., 2012, 4(156), 156ra139, doi: 10.1126/scitranslmed.3004334.
47	MKN45 (人腺癌)	Y. Hayakawa et al., "Apoptosis signal-regulating kinase 1 and cyclin D1 compose a positive feedback loop contributing to tumor growth in gastric cancer" Proc. Natl. Acad. Sci., 2011, 108(2), 780
48	MKN74 (人肾小管腺癌)	Y. Hayakawa et al., "Apoptosis signal-regulating kinase 1 and cyclin D1 compose a positive feedback loop contributing to tumor growth in gastric cancer" Proc. Natl. Acad. Sci., 2011, 108(2), 780
49	Neurons (神经细胞)	Kazuhide Hayakawa et al., "Transfer of mitochondria from astrocytes to neurons after stroke" Nature, 2016, 535, 551-555.
50	Osteoblasts (成骨细胞)	Toru Fukuda et al., "Sema3A regulates bone-mass accrual through sensory innervations" Nature, 2013, 497(7450), 490-493.
51	Panc02 (小鼠胰腺腺癌)	R. Kang et al., "The expression of the receptor for advanced glycation endproducts (RAGE) is permissive for early pancreatic neoplasia" Proc. Natl. Acad. Sci., 2012, 109(18), 7031

52	Panc-1 (人胰腺腺癌)	R. Chugh et al., " A Preclinical Evaluation of Minnelide as a Therapeutic Agent Against Pancreatic Cancer " Sci. Transl. Med., 2012, 4(156), 156ra139, doi: 10.1126/scitranslmed.3004334.
53	PHH(primary human hepatocytes)	K. Takayam et al., " Prediction of interindividual differences in hepatic functions and drug sensitivity by using human iPS-derived hepatocytes " Proc. Natl. Acad. Sci., 2014, 111(47), 16772
54	PHH-iPS-HLCs (primary human hepatocytes - human induced)	K. Takayam et al., " Prediction of interindividual differences in hepatic functions and drug sensitivity by using human iPS-derived hepatocytes " Proc. Natl. Acad. Sci., 2014, 111(47), 16772
55	primary neuron (Mouse)	James A. Duce et al., " Iron-Export Ferroxidase Activity of β-Amyloid Precursor Protein Is Inhibited by Zinc in Alzheimer's Disease " Cell, 2010, 142(6), 857-867.
56	RAW264.7 (小鼠巨噬细胞)	Zhen-Shun Gan et al., " Iron Reduces M1 Macrophage Polarization in RAW264.7 Macrophages Associated with Inhibition of STAT1 " Hindawi, 2017, doi: 10.1155/2017/8570818.
57	RC(rabbit cornea)	H. Tominaga et al., " A water-soluble tetrazolium salt useful for colorimetric cell viability assay " Anal. Commun., 1999, 36, 47
58	RBL-2H3 (大鼠白血病)	Ha-Kyoung Kwon et al., " Phellinus linteus Grown on Germinated Brown Rice Inhibits IgE-Mediated Allergic Activity through the Suppression of FcϵRI-Dependent Signaling Pathway In Vitro and In Vivo " Hindawi, 2019, doi: 10.1155/2019/1485015..
59	RT2 (鼠)	Anjana Jain et al., " Guiding intracortical brain tumour cells to an extracortical cytotoxic hydrogel using aligned polymeric nanofibres " Nature Materials, 2014, 13(3), 308-16.
60	S2-013 (人胰腺癌)	R. Chugh et al., " A Preclinical Evaluation of Minnelide as a Therapeutic Agent Against Pancreatic Cancer " Sci. Transl. Med., 2012, 4(156), 156ra139, doi: 10.1126/scitranslmed.3004334.
61	S2-VP10 (人胰腺癌)	R. Chugh et al., " A Preclinical Evaluation of Minnelide as a Therapeutic Agent Against Pancreatic Cancer " Sci. Transl. Med., 2012, 4(156), 156ra139, doi: 10.1126/scitranslmed.3004334.
62	SH-SY5Y (人神经母细胞瘤)	R. Watanabe et al., " Protective Effects of Fisetin Against 6-OHDA-Induced Apoptosis by Activation of PI3K-Akt Signaling in Human Neuroblastoma SH-SY5Y Cells. " Neurochem. Res., 2018, 43(2), 488-499.
63	SK-N-SH (人神经母细胞瘤)	Yuyan Chen et al., " Oncogenic mutations of ALK kinase in neuroblastoma " Nature, 2008, 455(7215), 971-974.

64	Splenic lymphocytes (脾淋巴细胞)	T. Miyamoto et al., " Lymphocyte Proliferation Response During Eimeria tenella Infection Assessed by a New, Reliable, Nonradioactive Colorimetric Assay " Avian Dis., 2002, 46, 10
65	SW1990 (人胰腺癌)	S. Ji et al., " ERK kinase phosphorylates and destabilizes the tumor suppressor FBW7 in pancreatic cancer " Cell Res., 2015, 25(5), 561
66	T-47D (人乳腺癌)	K. Takayam et al., " Prediction of interindividual differences in hepatic functions and drug sensitivity by using human iPS-derived hepatocytes " Proc. Natl. Acad. Sci., 2014, 111(47), 16772
67	TMK1 (人胃癌)	Y. Hayakawa et al., " Apoptosis signal-regulating kinase 1 and cyclin D1 compose a positive feedback loop contributing to tumor growth in gastric cancer " Proc. Natl. Acad. Sci., 2011, 108(2), 780
68	U251 (人胶质母细胞瘤)	Wan Li et al., " 3-O-acetyl-11-keto-β-boswellic acid exerts anti-tumor effects in glioblastoma by arresting cell cycle at G2/M phase " J Exp Clin Cancer Res., 2018, 37(1), 132, doi: 10.1186/s13046-018-0805-4.
69	U87 (人脑胶质瘤)	N. Li et al., " MoS2-LA-PEI nanocomposite carrier for real-time imaging of ATP metabolism in glioma stem cells co-cultured with endothelial cells on a microfluidic system " Biosens Bioelectron., 2017, 99(2018), 142
70	U87 MG (人脑胶质瘤)	Anjana Jain et al., " Guiding intracortical brain tumour cells to an extracortical cytotoxic hydrogel using aligned polymeric nanofibres " Nature Materials, 2014, 13(3), 308-16.
71	U87 MG (人脑胶质瘤)	Wan Li et al., " 3-O-acetyl-11-keto-β-boswellic acid exerts anti-tumor effects in glioblastoma by arresting cell cycle at G2/M phase " J Exp Clin Cancer Res., 2018, 37(1), 132, doi: 10.1186/s13046-018-0805-4.
72	Vero (非洲绿猴肾上皮细胞)	K. Yoshimura et al., " Shiga toxin 1 and 2 Induce Apoptosis in the Amniotic cell line WISH " J. Soc. Gynecol. Investig., 2002, 9, 22
73	WISH (人羊膜)	K. Yoshimura et al., " Shiga toxin 1 and 2 Induce Apoptosis in the Amniotic cell line WISH " J. Soc. Gynecol. Investig., 2002, 9, 22