TABLE 1: Paulovich Lab Monoclonal Antibodies available for Immuno-MRM Assays.

											In Multiplex immuno-MRM panels							
Gene Symbol (HGNC, genenames.org)	**Alternate Gene Symbols**	**Target Protein Name**	**UniProt ID (& link)**	**FHCRC Antibody ID**	**NCI CPTAC *Antibody* Portal ID (& link)**	**Peptide Modification detected**	**Modification Site**	**Mab host species**	**Assay Species**	**Reference(s)**	**DDR1 Panel**	**DDR2 Panel**	**IO-1 Panel**	**IO-2 Panel**	**IO-3 Panel**	**Ras-MAPK 1 Panel**	**Ras-MAPK 2 Panel**	**Cancer Biomarker & Normalization**
ACOT7	BACH, ACH1, ACT, CTE-II, LACH1, MGC1126, hBACH	Cytosolic acyl coenzyme A thioester hydrolase	https://www.uniprot.org/uniprot/O00154	EB2121-2D2-H1/K1		non-modified		Rabbit										
ACT and POTEE	N/A and A26C1A,POTE2, POTE-2, A26C1, POTE2gamma, CT104.2	Actin; ACTA2 ACTA1 ACTB ACTG1 ACTC1 ACTG2 and POTE ankyrin domain family member E	https://www.uniprot.org/uniprot/Q562L2	EB0957-6F5-H1/K1	CPTC-ACT Group-1	non-modified		Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745); Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)		1						1
ACTN4	FSGS1	Alpha-actinin-4	https://www.uniprot.org/uniprot/O43707	MGP10-1A7b		non-modified		Mouse										
ADA	ADA1	Adenosine deaminase	https://www.uniprot.org/uniprot/P00813	EB0150D-R1H6-H2/K2	CPTC-ADA-1	non-modified		Rabbit							1			
ADAM17	TACE,cSVP, CD156B	Disintegrin and metalloproteinase domain-containing protein 17	https://www.uniprot.org/uniprot/P78536	FHC-29-83-17		non-modified		Mouse		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420); Schoenherr et al, J. Immun. Meth. (2010) 353: 49-61 (PMID: 19961853)			1					
AIFM1	PDCD8, NAMSD, AUNX1,AIF, CMTX4, DFNX5	Apoptosis-inducing factor 1, mitochondrial	https://www.uniprot.org/uniprot/O95831	EB2122B-2H9-H1/K1		non-modified		Rabbit										
AKT1	RAC, PKB, PRKBA, AKT, RAC-alpha	RAC-alpha serine/threonine-protein kinase	https://www.uniprot.org/uniprot/P31749	FSAI105-12F5	CPTC-AKT1-1	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
AKT1	RAC, PKB, PRKBA, AKT, RAC-alpha	RAC-alpha serine/threonine-protein kinase	https://www.uniprot.org/uniprot/P31749	FSAI105-1C11	CPTC-AKT1-3	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
AKT1	RAC, PKB, PRKBA, AKT, RAC-alpha	RAC-alpha serine/threonine-protein kinase	https://www.uniprot.org/uniprot/P31749	FSAI106-2E2	CPTC-AKT1-2	phosphorylation	pT308	Mouse										
AKT1	RAC, PKB, PRKBA, AKT, RAC-alpha	RAC-alpha serine/threonine-protein kinase	https://www.uniprot.org/uniprot/P31749	LBR-101-12-7	CPTC-AKT1-4	phosphorylation	pT308	Rabbit		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
AKT1	RAC, PKB, PRKBA, AKT, RAC-alpha	RAC-alpha serine/threonine-protein kinase	https://www.uniprot.org/uniprot/P31749	LBR-101-4-2	CPTC-AKT1-5	phosphorylation	pT308	Rabbit		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
AKT1	RAC, PKB, PRKBA, AKT, RAC-alpha	RAC-alpha serine/threonine-protein kinase	https://www.uniprot.org/uniprot/P31749	LBR-102-20-1	CPTC-AKT1-6	phosphorylation	pS473	Rabbit										
AKT2	PKBβ	RAC-beta serine/threonine-protein kinase	https://www.uniprot.org/uniprot/P31751	FSAI083-1G9	CPTC-AKT2-1	phosphorylation	pS474	Mouse										
AKT2	PKBβ	RAC-beta serine/threonine-protein kinase	https://www.uniprot.org/uniprot/P31751	FSAI083-2D10	CPTC-AKT2-2	phosphorylation	pS474	Mouse										
AKT2	PKBβ	RAC-beta serine/threonine-protein kinase	https://www.uniprot.org/uniprot/P31751	FSAI084-17G10	CPTC-AKT2-4	non-modified		Mouse										
AKT2	PKBβ	RAC-beta serine/threonine-protein kinase	https://www.uniprot.org/uniprot/P31751	FSAI084-6H8	CPTC-AKT2-3	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	

AKT2	PKBβ	RAC-beta serine/threonine-protein kinase	https://www.uniprot.org/uniprot/P31751	LBR-103-22-6	CPTC-AKT2-5	phosphorylation	pS474	Rabbit										
AKT2	PKBβ	RAC-beta serine/threonine-protein kinase	https://www.uniprot.org/uniprot/P31751	LBR-103-24-5	CPTC-AKT2-6	phosphorylation	pS474	Rabbit										
AKT3	PKBG, RAC-gamma, PRKBG	RAC-gamma serine/threonine-protein kinase	https://www.uniprot.org/uniprot/Q9Y243	FSAI086-9H8	CPTC-AKT3-1	phosphorylation	pS472	Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
AKT3	PKBG, RAC-gamma, PRKBG	RAC-gamma serine/threonine-protein kinase	https://www.uniprot.org/uniprot/Q9Y243	FSAI177-3D8	CPTC-AKT3-5	non-modified		Mouse										
AKT3	PKBG, RAC-gamma, PRKBG	RAC-gamma serine/threonine-protein kinase	https://www.uniprot.org/uniprot/Q9Y243	FSAI177-4B11	CPTC-AKT3-7	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
AKT3	PKBG, RAC-gamma, PRKBG	RAC-gamma serine/threonine-protein kinase	https://www.uniprot.org/uniprot/Q9Y243	FSAI177-4D10	CPTC-AKT3-6	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
AKT3	PKBG, RAC-gamma, PRKBG	RAC-gamma serine/threonine-protein kinase	https://www.uniprot.org/uniprot/Q9Y243	LBR-104-10-4	CPTC-AKT3-4	phosphorylation	pS472	Rabbit		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
AKT3	PKBG, RAC-gamma, PRKBG	RAC-gamma serine/threonine-protein kinase	https://www.uniprot.org/uniprot/Q9Y243	LBR-104-2-5	CPTC-AKT3-2	phosphorylation	pS472	Rabbit										
AKT3	PKBG, RAC-gamma, PRKBG	RAC-gamma serine/threonine-protein kinase	https://www.uniprot.org/uniprot/Q9Y243	LBR-104-3-7	CPTC-AKT3-3	phosphorylation	pS472	Rabbit										
ALCAM	CD166, MEMD	CD166 antigen	https://www.uniprot.org/uniprot/Q13740	EB0975A-4F9-H3/K2	CPTC-ALCAM-1	non-modified		Rabbit										
ALCAM	CD166, MEMD	CD166 antigen	https://www.uniprot.org/uniprot/Q13740	EB0975A-5C8-H2/K1	CPTC-ALCAM-2	non-modified		Rabbit						1				
ANXA1	ANX1, LPC1	Annexin A1	https://www.uniprot.org/uniprot/P04083	SAIC-13B-19 H3/L3	CPTC-ANXA1-4	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420); Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)			1					
ANXA1	ANX1, LPC1	Annexin A1	https://www.uniprot.org/uniprot/P04083	SAIC-13C-5G10 H3/L2	CPTC-ANXA1-5	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420); Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)			1					
ANXA4	ANX4	Annexin A4	https://www.uniprot.org/uniprot/P09525	SAIC-14C-10F12 H1/L3	CPTC-ANXA4-1	non-modified		Rabbit		Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)								
ARAF	ARAF1	Serine/threonine-protein kinase A-Raf	https://www.uniprot.org/uniprot/P10398	FSAI081-1D12	CPTC-ARAF-2	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
ARAF	ARAF1	Serine/threonine-protein kinase A-Raf	https://www.uniprot.org/uniprot/P10398	FSAI081-2F10	CPTC-ARAF-1	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
ARAF	ARAF1	Serine/threonine-protein kinase A-Raf	https://www.uniprot.org/uniprot/P10398	FSAI082-5A6	CPTC-ARAF-3	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
ARAF	ARAF1	Serine/threonine-protein kinase A-Raf	https://www.uniprot.org/uniprot/P10398	FSAI082-5H4	CPTC-ARAF-4	phosphorylation	pS299	Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		

ARAF	ARAF1	Serine/threonine-protein kinase A-Raf	https://www.uniprot.org/uniprot/P10398	LBR-105-22-7	CPTC-ARAF-5	phosphorylation	pS299	Rabbit		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
ARG1		Arginase-1	https://www.uniprot.org/uniprot/P05089	EB0965E-2C10-H1/K2	CPTC-ARG1-1	non-modified		Rabbit						1				
ARG2		Arginase-2, mitochondrial	https://www.uniprot.org/uniprot/P78540	EB0122C-1F5-H1/K1	CPTC-ARG2-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
ATM	ATA, ATDC, ATC, ATD,TEL1, TELO1	Serine-protein kinase ATM	https://www.uniprot.org/uniprot/Q13315	FHC-114-18-2	CPTC-ATM-4	phosphorylation	pS2996	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155); Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)	1		1					
ATM	ATA, ATDC, ATC, ATD,TEL1, TELO1	Serine-protein kinase ATM	https://www.uniprot.org/uniprot/Q13315	FHC-114-19-9	CPTC-ATM-3	phosphorylation	pS2996	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
ATM	ATA, ATDC, ATC, ATD,TEL1, TELO1	Serine-protein kinase ATM	https://www.uniprot.org/uniprot/Q13315	FHC-116-38-6	CPTC-ATM-2	phosphorylation	pS367	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155); Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)	1		1					
ATM	ATA, ATDC, ATC, ATD,TEL1, TELO1	Serine-protein kinase ATM	https://www.uniprot.org/uniprot/Q13315	FHC-116-6-10	CPTC-ATM-1	phosphorylation	pS367	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
ATR	FRP1, SCKL, SCKL1, MEC1	Serine/threonine-protein kinase ATR	https://www.uniprot.org/uniprot/Q13535	FHC-117-1-12	CPTC-ATR-1	phosphorylation	pT1989	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
ATRIP	FLJ12343, MGC20625, MGC21482, MGC26740	ATR-interacting protein	https://www.uniprot.org/uniprot/Q8WXE1	FHC-118-3-6	CPTC-ATRIP-1	phosphorylation	pS224	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
ATRIP	FLJ12343, MGC20625, MGC21482, MGC26740	ATR-interacting protein	https://www.uniprot.org/uniprot/Q8WXE1	FHC-119-33-9		phosphorylation	pS518	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
B2M		Beta-2-microglobulin	https://www.uniprot.org/uniprot/P61769	EB0108-3B4-H1/K2	CPTC-B2M-1	phosphorylation		Rabbit							1			
BAD	BCL2L8, BBC2	Bcl2-associated agonist of cell death	https://www.uniprot.org/uniprot/Q92934	EB0151AR-4F9-H2/K1	CPTC-BAD-1	non-modified		Rabbit										
BAX	BCL2L4	Apoptosis regulator BAX	https://www.uniprot.org/uniprot/Q07812	EB0976C-1C12-H2/K2	CPTC-BAX-1	non-modified		Rabbit						1				
BCL10	CARMEN, CIPER, mE10, c-E10, CLAP	B-cell lymphoma/leukemia 10	https://www.uniprot.org/uniprot/O95999	EB0152B-6C6-H2/K2	CPTC-BCL10-1	non-modified		Rabbit						1				
BIRC5	API4,EPR-1, survivin	Baculoviral IAP repeat-containing protein 5	https://www.uniprot.org/uniprot/O15392	MGP5-8C7b		non-modified		Mouse										
BIRC5	API4,EPR-1, survivin	Baculoviral IAP repeat-containing protein 5	https://www.uniprot.org/uniprot/O15392	MGP5-8D6b		non-modified		Mouse										
BRAF	BRAF1	Serine/threonine-protein kinase B-raf	https://www.uniprot.org/uniprot/P15056	FSAI091-6A5	CPTC-BRAF-1	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
BRAF	BRAF1	Serine/threonine-protein kinase B-raf	https://www.uniprot.org/uniprot/P15056	FSAI091-6E3	CPTC-BRAF-3	non-modified		Mouse										

BRAF	BRAF1	Serine/threonine-protein kinase B-raf	https://www.uniprot.org/uniprot/P15056	FSAI091-9H5	CPTC-BRAF-2	non-modified		Mouse										
BRAF	BRAF1	Serine/threonine-protein kinase B-raf	https://www.uniprot.org/uniprot/P15056	FSAI092-1G1	CPTC-BRAF-6	phosphorylation	pT401	Mouse										
BRAF	BRAF1	Serine/threonine-protein kinase B-raf	https://www.uniprot.org/uniprot/P15056	FSAI092-1H9	CPTC-BRAF-4	phosphorylation	pS446	Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
BRAF	BRAF1	Serine/threonine-protein kinase B-raf	https://www.uniprot.org/uniprot/P15056	FSAI092-4G11	CPTC-BRAF-5	non-modified		Mouse										
BRAF	BRAF1	Serine/threonine-protein kinase B-raf	https://www.uniprot.org/uniprot/P15056	LBR-107-1-4	CPTC-BRAF-7	phosphorylation	pT401	Rabbit		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
BRCA1	RNF53, BRCC1, PPP1R53, FANCS	Breast cancer type 1 susceptibility protein	https://www.uniprot.org/uniprot/P38398	SAIC-116-15-7	CPTC-BRCA1-4	phosphorylation	pS1524	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
BRCA2	FANCD1, FACD, FANCD,FAD, FAD1, BRCC2, XRCC11	Breast cancer type 2 susceptibility protein	https://www.uniprot.org/uniprot/P51587	EB0187D-22E4-H1/K1		non-modified		Rabbit										
BRCA2	FANCD1, FACD, FANCD,FAD, FAD1, BRCC2, XRCC11	Breast cancer type 2 susceptibility protein	https://www.uniprot.org/uniprot/P51587	FHC-124-23-5		phosphorylation	pS1680	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
BRIP1	OF, BACH1, FANCJ	Fanconi anemia group J protein	https://www.uniprot.org/uniprot/Q9BX63	FHC-128-62-2	CPTC-BRIP1-5	phosphorylation	pS930/pT918	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
BRIP1	OF, BACH1, FANCJ	Fanconi anemia group J protein	https://www.uniprot.org/uniprot/Q9BX63	SAIC-114-114-1	CPTC-BRIP1-4	phosphorylation	pS1032	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
BRIP1	OF, BACH1, FANCJ	Fanconi anemia group J protein	https://www.uniprot.org/uniprot/Q9BX63	SAIC-114-92-9	CPTC-BRIP1-3	phosphorylation	pS1032	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
BTK	AGMX1, IMD1,ATK, XLA, PSCTK1	Tyrosine-protein kinase BTK	https://www.uniprot.org/uniprot/Q06187	EB0153B-R1G9-H1/K1	CPTC-BTK-1	non-modified		Rabbit						1				
BTLA	BTLA1, CD272	B- and T-lymphocyte attenuator	https://www.uniprot.org/uniprot/Q7Z6A9	FSAI194-12F6	CPTC-BTLA-1	non-modified		Mouse										
BTLA	BTLA1, CD272	B- and T-lymphocyte attenuator	https://www.uniprot.org/uniprot/Q7Z6A9	FSAI194-2H1	CPTC-BTLA-2	non-modified		Mouse										
BTLA	BTLA1, CD272	B- and T-lymphocyte attenuator	https://www.uniprot.org/uniprot/Q7Z6A9	FSAI194-6C4	CPTC-BTLA-3	non-modified		Mouse						1				
CADM1	TSLC1, IGSF4,NECL2, ST17, BL2, SYNCAM, IGSF4A, Necl-2, SYNCAM1, RA175	Cell adhesion molecule 1	https://www.uniprot.org/uniprot/Q9BY67	FSAI198R-6D7	CPTC-CADM1-1	non-modified		Mouse										
CADM1	TSLC1, IGSF4,NECL2, ST17, BL2, SYNCAM, IGSF4A, Necl-2, SYNCAM1, RA175	Cell adhesion molecule 1	https://www.uniprot.org/uniprot/Q9BY67	FSAI198R-7C8-1G11	CPTC-CADM1-2	non-modified		Mouse										

CALR	RO, SSA, cC1qR, CRT, FLJ26680	Calreticulin	https://www.uniprot.org/uniprot/P27797	SAIC-16D-6B9 H2/L3	CPTC-CALR-1	non-modified		Rabbit		Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)								
CASP3	CPP32, CPP32B, Yama, apopain	Caspase-3	https://www.uniprot.org/uniprot/P42574	EB0929-3A5-H2/K3	CPTC-CASP3-1	phosphorylation	pS26	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1			1			
CCL5	D17S136E, SCYA5,RANTES, SISd, TCP228, MGC17164	C-C motif chemokine 5	https://www.uniprot.org/uniprot/P13501	FSAI157-2H5	CPTC-CCL5-2	non-modified		Mouse		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
CCND1	BCL1, D11S287E, PRAD1,U21B31	G1/S-specific cyclin-D1	https://www.uniprot.org/uniprot/P24385	FSAI075-1H1	CPTC-CCND1-3	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
CCND1	BCL1, D11S287E, PRAD1,U21B31	G1/S-specific cyclin-D1	https://www.uniprot.org/uniprot/P24385	FSAI075-2H7	CPTC-CCND1-4	non-modified		Mouse										
CCND1	BCL1, D11S287E, PRAD1,U21B31	G1/S-specific cyclin-D1	https://www.uniprot.org/uniprot/P24385	FSAI075-5C11	CPTC-CCND1-2	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
CCND1	BCL1, D11S287E, PRAD1,U21B31	G1/S-specific cyclin-D1	https://www.uniprot.org/uniprot/P24385	FSAI076-1F8	CPTC-CCND1-6	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
CCND1	BCL1, D11S287E, PRAD1,U21B31	G1/S-specific cyclin-D1	https://www.uniprot.org/uniprot/P24385	FSAI076-1G12	CPTC-CCND1-7	non-modified		Mouse										
CCND1	BCL1, D11S287E, PRAD1,U21B31	G1/S-specific cyclin-D1	https://www.uniprot.org/uniprot/P24385	FSAI076-2E4	CPTC-CCND1-5	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
CCNE1	CCNE	G1/S-specific cyclin-E1	https://www.uniprot.org/uniprot/P24864	RSAP4-1F4d		non-modified		Mouse										
CD14		Monocyte differentiation antigen CD14	https://www.uniprot.org/uniprot/P08571	EB0121A-3A10-H2/K3	CPTC-CD14-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
CD163	M130, MM130, SCARI1	Scavenger receptor cysteine-rich type 1 protein M130	https://www.uniprot.org/uniprot/Q86VB7	EB0967B-1G6-H1/K1	CPTC-CD163-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
CD27	TNFRSF7,S152, Tp55	CD27 antigen	https://www.uniprot.org/uniprot/P26842	FSAI135-10E9	CPTC-CD27-1	non-modified		Mouse										
CD27	TNFRSF7,S152, Tp55	CD27 antigen	https://www.uniprot.org/uniprot/P26842	FSAI135-12C3	CPTC-CD27-2	non-modified		Mouse										
CD27	TNFRSF7,S152, Tp55	CD27 antigen	https://www.uniprot.org/uniprot/P26842	FSAI135-7H4	CPTC-CD27-3	non-modified		Mouse										
CD274	PDCD1LG1,B7-H, B7H1, PD-L1, PDL1, B7-H1	Programmed cell death 1 ligand 1	https://www.uniprot.org/uniprot/Q9NZQ7	EB0103A-1H5-H3/K4	CPTC-CD274-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
CD276	B7-H3, B7H3, B7RP-2	CD276 antigen	https://www.uniprot.org/uniprot/Q5ZPR3	EB0973A-7C3-H1/K1	CPTC-CD276-1	non-modified		Rabbit							1			
CD33	SIGLEC3, SIGLEC-3, p67, FLJ00391	Myeloid cell surface antigen CD33	https://www.uniprot.org/uniprot/P20138	EB0134B-1D10-H4/K2	CPTC-CD33-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					

CD33	SIGLEC3, SIGLEC-3, p67, FLJ00391	Myeloid cell surface antigen CD33	https://www.uniprot.org/uniprot/P20138	FSAI137R-3A1	CPTC-CD33-2	non-modified		Mouse										
CD33	SIGLEC3, SIGLEC-3, p67, FLJ00391	Myeloid cell surface antigen CD33	https://www.uniprot.org/uniprot/P20138	FSAI137R-3H3	CPTC-CD33-3	non-modified		Mouse										
CD33	SIGLEC3, SIGLEC-3, p67, FLJ00391	Myeloid cell surface antigen CD33	https://www.uniprot.org/uniprot/P20138	FSAI137R-6E4	CPTC-CD33-4	non-modified		Mouse										
CD38		ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1	https://www.uniprot.org/uniprot/P28907	EB0154C-3C5-H2/K2	CPTC-CD38-1	non-modified		Rabbit						1				
CD4		T-cell surface glycoprotein CD4	https://www.uniprot.org/uniprot/P01730	EB0117B-3A7-H2/K3	CPTC-CD4-1	non-modified		Rabbit						1				
CD4		T-cell surface glycoprotein CD4	https://www.uniprot.org/uniprot/P01730	FSAI131-15D11	CPTC-CD4-2	non-modified		Mouse										
CD4		T-cell surface glycoprotein CD4	https://www.uniprot.org/uniprot/P01730	FSAI131R-1G4	CPTC-CD4-3	non-modified		Mouse										
CD4		T-cell surface glycoprotein CD4	https://www.uniprot.org/uniprot/P01730	FSAI131R-2B3	CPTC-CD4-4	non-modified		Mouse										
CD40	TNFRSF5,p50, Bp50	Tumor necrosis factor receptor superfamily member 5	https://www.uniprot.org/uniprot/P25942	EB0126C-2F3-H4/K2	CPTC-CD40-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
CD40	TNFRSF5,p50, Bp50	Tumor necrosis factor receptor superfamily member 5	https://www.uniprot.org/uniprot/P25942	FSAI138R-1E4	CPTC-CD40-2	non-modified		Mouse										
CD40	TNFRSF5,p50, Bp50	Tumor necrosis factor receptor superfamily member 5	https://www.uniprot.org/uniprot/P25942	FSAI138R-4A10	CPTC-CD40-3	non-modified		Mouse										
CD40	TNFRSF5,p50, Bp50	Tumor necrosis factor receptor superfamily member 5	https://www.uniprot.org/uniprot/P25942	FSAI138R-7G6	CPTC-CD40-4	non-modified		Mouse		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
CD44	MIC4, MDU2, MDU3,IN, MC56, Pgp1, CD44R, HCELL, CSPG8	CD44 antigen	https://www.uniprot.org/uniprot/P16070	EB0155C-3B4-H3/K2	CPTC-CD44-2	non-modified		Rabbit							1			
CD47	MER6,IAP, OA3	Leukocyte surface antigen CD47	https://www.uniprot.org/uniprot/Q08722	EB0123A-2C3-H1/K3	CPTC-CD47-4	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
CD48	BCM1,BLAST, mCD48, hCD48, SLAMF2	CD48 antigen	https://www.uniprot.org/uniprot/P09326	EB0977C-3F2-H1/K1	CPTC-CD48-1	non-modified		Rabbit						1				
CD70	CD27LG, TNFSF7,CD27L	CD70 antigen	https://www.uniprot.org/uniprot/P32970	FSAI139R-5F10	CPTC-CD70-2	non-modified		Mouse										
CD70	CD27LG, TNFSF7,CD27L	CD70 antigen	https://www.uniprot.org/uniprot/P32970	FSAI139R-8D12	CPTC-CD70-3	non-modified		Mouse										
CD74	DHLAG	HLA class II histocompatibility antigen gamma chain	https://www.uniprot.org/uniprot/P04233	EB0130A-1G3-H4/K1	CPTC-CD74-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
CD8A	CD8	T-cell surface glycoprotein CD8 alpha chain	https://www.uniprot.org/uniprot/P01732	EB0115C-3C12-H2/K1	CPTC-CD8A-1	non-modified		Rabbit							1			
CDC25B		M-phase inducer phosphatase 2	https://www.uniprot.org/uniprot/P30305	EB0914-3H5-H1/K1	CPTC-CDC25B-1	phosphorylation	pS160	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						

CDC25B		M-phase inducer phosphatase 2	https://www.uniprot.org/uniprot/P30305	EB0931-4A9-H5/K1	CPTC-CDC25B-2	phosphorylation	pS323	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
CDC25C	CDC25,PPP1R60	M-phase inducer phosphatase 3	https://www.uniprot.org/uniprot/P30307	EB0932-8B3-H2/K2	CPTC-CDC25C-1	phosphorylation	pS216	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
CDCA8	FLJ12042, MESRGP, BOR, DasraB	Borealin	https://www.uniprot.org/uniprot/Q53HL2	EB0912-2A11-H9/K1	CPTC-CDCA8-1	phosphorylation	pT106	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
CDH1	UVO,uvomorulin, CD324	Cadherin-1	https://www.uniprot.org/uniprot/P12830	FSAI087-8B7	CPTC-CDH1-1	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
CDH1	UVO,uvomorulin, CD324	Cadherin-1	https://www.uniprot.org/uniprot/P12830	FSAI087-9B8	CPTC-CDH1-2	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
CDH1	UVO,uvomorulin, CD324	Cadherin-1	https://www.uniprot.org/uniprot/P12830	FSAI088-3G11	CPTC-CDH1-3	non-modified		Mouse										
CDH1	UVO,uvomorulin, CD324	Cadherin-1	https://www.uniprot.org/uniprot/P12830	FSAI088-5A4	CPTC-CDH1-4	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
CDH2	NCAD,CDHN, CD325	Cadherin-2	https://www.uniprot.org/uniprot/P19022	FSAI089-1E12	CPTC-CDH2-1	non-modified		Mouse										
CDH2	NCAD,CDHN, CD325	Cadherin-2	https://www.uniprot.org/uniprot/P19022	FSAI089-2B7	CPTC-CDH2-2	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
CDH2	NCAD,CDHN, CD325	Cadherin-2	https://www.uniprot.org/uniprot/P19022	FSAI089-2G6	CPTC-CDH2-3	non-modified		Mouse										
CDH2	NCAD,CDHN, CD325	Cadherin-2	https://www.uniprot.org/uniprot/P19022	FSAI090-2B7	CPTC-CDH2-4	non-modified		Mouse										
CDH2	NCAD,CDHN, CD325	Cadherin-2	https://www.uniprot.org/uniprot/P19022	FSAI090-7A8	CPTC-CDH2-5	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
CDK1	CDC2,CDC28A	Cyclin-dependent kinase 1	https://www.uniprot.org/uniprot/P06493	EB0933-4D1-H8/K2	CPTC-CDK1-1	phosphorylation	pT161	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
CDK7	CAK1, CDKN7, MO15, STK1, CAK	Cyclin-dependent kinase 7	https://www.uniprot.org/uniprot/P50613	EB0934-2C11-H3/K2	CPTC-CDK7-1	phosphorylation	pT170	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
CEACAM8	CGM6,CD66b	Carcinoembryonic antigen-related cell adhesion molecule 8	https://www.uniprot.org/uniprot/P31997	FSAI140R-4A6	CPTC-CEACAM8-1	non-modified		Mouse										
CEACAM8	CGM6,CD66b	Carcinoembryonic antigen-related cell adhesion molecule 8	https://www.uniprot.org/uniprot/P31997	FSAI140R-8C1	CPTC-CEACAM8-2	non-modified		Mouse		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
CGB1		Choriogonadotropin subunit beta variant 1	https://www.uniprot.org/uniprot/A6NKQ9	SAIC-102A-47-11	CPTC-CGB-1	non-modified		Rabbit										
CHEK1	CHK1	Serine/threonine-protein kinase Chk1	https://www.uniprot.org/uniprot/O14757	EB0936-8F11-H1/K2	CPTC-CHEK1-6	phosphorylation	pS286	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						

CHEK1	CHK1	Serine/threonine-protein kinase Chk1	https://www.uniprot.org/uniprot/O14757	SAIC-117-36-5	CPTC-CHEK1-4	phosphorylation	pS317	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
CHEK1	CHK1	Serine/threonine-protein kinase Chk1	https://www.uniprot.org/uniprot/O14757	SAIC-117-9-1	CPTC-CHEK1-5	phosphorylation	pS317	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
CHEK2	RAD53,CDS1, CHK2, HuCds1, PP1425, bA444G7	Serine/threonine-protein kinase Chk2	https://www.uniprot.org/uniprot/O96017	EB0925-2A3-H1/K2	CPTC-CHEK2-1	phosphorylation	pS379	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
CHEK2	RAD53,CDS1, CHK2, HuCds1, PP1425, bA444G7	Serine/threonine-protein kinase Chk2	https://www.uniprot.org/uniprot/O96017	EB0937-4B4-H2/K1	CPTC-CHEK2-2	phosphorylation	pT387	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
COL11A1	COLL6, DFNA37,STL2, CO11A1	Collagen alpha-1(XI) chain	https://www.uniprot.org/uniprot/P12107	RSAP2-2C5b		non-modified		Mouse										
CRP	PTX1	C-reactive protein	https://www.uniprot.org/uniprot/P02741	EB0157BR-2B4-H1/K2	CPTC-CRP-1	non-modified		Rabbit							1			
CRP	PTX1	C-reactive protein	https://www.uniprot.org/uniprot/P02741	FHC-36-78-9		non-modified		Mouse		Schoenherr et al, J. Immun. Meth. (2010) 353: 49-61 (PMID: 19961853)					1			
CSF1	M-CSF, MCSF, MGC31930	Macrophage colony-stimulating factor 1	https://www.uniprot.org/uniprot/P09603	EB0978B-1B3-H2/K3	CPTC-CSF1-1	non-modified		Rabbit							1			
CSF2RA	CSF2R,CD116, alphaGMR	Granulocyte-macrophage colony-stimulating factor receptor subunit alpha	https://www.uniprot.org/uniprot/P15509	EB0979C-1A12-H1/K1	CPTC-CSF2RA-1	non-modified		Rabbit						1				
CTLA4	CELIAC3, IDDM12,CD152, CD, GSE, CTLA-4	Cytotoxic T-lymphocyte protein 4	https://www.uniprot.org/uniprot/P16410	EB0158R-1B8-H2/K1	CPTC-CTLA4-1	non-modified		Rabbit							1			
CX3CL1	SCYD1,NTN, C3Xkine, ABCD-3, CXC3C, CXC3	Fractalkine	https://www.uniprot.org/uniprot/P78423	FSAI158R-4H6	CPTC-CX3CL1-1	non-modified		Mouse		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
CX3CL1	SCYD1,NTN, C3Xkine, ABCD-3, CXC3C, CXC3	Fractalkine	https://www.uniprot.org/uniprot/P78423	FSAI158R-5A7	CPTC-CX3CL1-2	non-modified		Mouse										
CX3CL1	SCYD1,NTN, C3Xkine, ABCD-3, CXC3C, CXC3	Fractalkine	https://www.uniprot.org/uniprot/P78423	FSAI158R-6B8	CPTC-CX3CL1-3	non-modified		Mouse										
CXCL10	INP10, SCYB10,IFI10, IP-10, crg-2, mob-1, C7, gIP-10	C-X-C motif chemokine 10	https://www.uniprot.org/uniprot/P02778	EB0129A-4E4-H3/K3	CPTC-CXCL10-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
CXCL10	INP10, SCYB10,IFI10, IP-10, crg-2, mob-1, C7, gIP-10	C-X-C motif chemokine 10	https://www.uniprot.org/uniprot/P02778	FSAI152-6B6	CPTC-CXCL10-2	non-modified		Mouse							1			
CXCL13	SCYB13,BLC, BCA-1, BLR1L, ANGIE, ANGIE2	C-X-C motif chemokine 13	https://www.uniprot.org/uniprot/O43927	EB0142B-6G9-H1/K2	CPTC-CXCL13-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
CXCL9	CMK, MIG,SCYB9, Humig, crg-10	C-X-C motif chemokine 9	https://www.uniprot.org/uniprot/Q07325	EB0119B-4B4-H2/K1	CPTC-CXCL9-2	non-modified		Rabbit							1			
EGFR	ERBB,ERBB1	Epidermal growth factor receptor	https://www.uniprot.org/uniprot/P00533	FSAI073-3C7	CPTC-EGFR-6	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
EGFR	ERBB,ERBB1	Epidermal growth factor receptor	https://www.uniprot.org/uniprot/P00533	FSAI073-6C4	CPTC-EGFR-7	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	

EGFR	ERBB,ERBB1	Epidermal growth factor receptor	https://www.uniprot.org/uniprot/P00533	FSAI074-2A9	CPTC-EGFR-2	phosphorylation	pY1172	Mouse										
EGFR	ERBB,ERBB1	Epidermal growth factor receptor	https://www.uniprot.org/uniprot/P00533	FSAI074-2B9	CPTC-EGFR-1	phosphorylation	pY1172	Mouse										
EGFR	ERBB,ERBB1	Epidermal growth factor receptor	https://www.uniprot.org/uniprot/P00533	FSAI074-2D8	CPTC-EGFR-3	phosphorylation	pY1172	Mouse										
EGFR	ERBB,ERBB1	Epidermal growth factor receptor	https://www.uniprot.org/uniprot/P00533	FSAI074-4C6	CPTC-EGFR-4	phosphorylation	pY1092; pY1069	Mouse										
EGFR	ERBB,ERBB1	Epidermal growth factor receptor	https://www.uniprot.org/uniprot/P00533	FSAI074-4F12	CPTC-EGFR-5	phosphorylation	pY1092; pY1069	Mouse										
EGFR	ERBB,ERBB1	Epidermal growth factor receptor	https://www.uniprot.org/uniprot/P00533	LBR-109-16-3	CPTC-EGFR-8	phosphorylation	pY1172	Rabbit		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
EGFR	ERBB,ERBB1	Epidermal growth factor receptor	https://www.uniprot.org/uniprot/P00533	LBR-109-18-9	CPTC-EGFR-9	phosphorylation	pY1172	Rabbit		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
EGFR	ERBB,ERBB1	Epidermal growth factor receptor	https://www.uniprot.org/uniprot/P00533	LBR-110-9-6	CPTC-EGFR-10	phosphorylation	pY1197	Rabbit		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
EGFR	ERBB,ERBB1	Epidermal growth factor receptor	https://www.uniprot.org/uniprot/P00533	LBR-112-3-11	CPTC-EGFR-11	phosphorylation	pY1069	Rabbit										
EGFR	ERBB,ERBB1	Epidermal growth factor receptor	https://www.uniprot.org/uniprot/P00533	LBR-113-13-8	CPTC-EGFR-12	phosphorylation	pY1092	Rabbit										
EGFR	ERBB,ERBB1	Epidermal growth factor receptor	https://www.uniprot.org/uniprot/P00533	LBR-113-19-11	CPTC-EGFR-13	phosphorylation	pY1092; pY1069	Rabbit		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
EIF2A	EIF-2A	Eukaryotic translation initiation factor 2A	https://www.uniprot.org/uniprot/Q9BY44	EB0962-1G5-H6/K6	CPTC-EIF2A-1	phosphorylation	pS506; pT518	Rabbit							1			
EIF2A	EIF-2A	Eukaryotic translation initiation factor 2A	https://www.uniprot.org/uniprot/Q9BY44	EB0962-3H4-H1/K2	CPTC-EIF2A-2	phosphorylation	pS506; pT518	Rabbit							1			
ENTPD1	CD39,NTPDase-1, ATPDase, SPG64	Ectonucleoside triphosphate diphosphohydrolase 1	https://www.uniprot.org/uniprot/P49961	EB0118B-5C10-H3/K1	CPTC-ENTPD1-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
ERBB2	NGL,NEU, HER-2, CD340, HER2	Receptor tyrosine-protein kinase erbB-2	https://www.uniprot.org/uniprot/P04626	EB2109A-4H11-H2/K2		non-modified		Rabbit		Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)								1
ERBB2	NGL,NEU, HER-2, CD340, HER2	Receptor tyrosine-protein kinase erbB-2	https://www.uniprot.org/uniprot/P04626	EB2109A-6B2-H1/K1		non-modified		Rabbit		Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)								1
ERBB2	NGL,NEU, HER-2, CD340, HER2	Receptor tyrosine-protein kinase erbB-2	https://www.uniprot.org/uniprot/P04626	EB2109B-2B12-H2/K4		non-modified		Rabbit										
ERBB2	NGL,NEU, HER-2, CD340, HER2	Receptor tyrosine-protein kinase erbB-2	https://www.uniprot.org/uniprot/P04626	FSAI100-2B11	CPTC-ERBB2-3	phosphorylation	pY877	Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		

ERBB2	NGL,NEU, HER-2, CD340, HER2	Receptor tyrosine-protein kinase erbB-2	https://www.uniprot.org/uniprot/P04626	FSAI100-2C2	CPTC-ERBB2-2	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
ERBB2	NGL,NEU, HER-2, CD340, HER2	Receptor tyrosine-protein kinase erbB-2	https://www.uniprot.org/uniprot/P04626	LBR-114-5-4	CPTC-ERBB2-4	phosphorylation	pY1248	Rabbit		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
ERBB3	LCCS2,HER3	Receptor tyrosine-protein kinase erbB-3	https://www.uniprot.org/uniprot/P21860	FSAI101-2F9	CPTC-ERBB3-1	non-modified		Mouse										
ERBB3	LCCS2,HER3	Receptor tyrosine-protein kinase erbB-3	https://www.uniprot.org/uniprot/P21860	FSAI101-4A5	CPTC-ERBB3-2	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
ERBB3	LCCS2,HER3	Receptor tyrosine-protein kinase erbB-3	https://www.uniprot.org/uniprot/P21860	FSAI102-3D8	CPTC-ERBB3-4	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
ERBB3	LCCS2,HER3	Receptor tyrosine-protein kinase erbB-3	https://www.uniprot.org/uniprot/P21860	FSAI102-4G7	CPTC-ERBB3-3	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
ERCC1	RAD10	DNA excision repair protein ERCC-1	https://www.uniprot.org/uniprot/P07992	RSAP6-1D12f		non-modified		Mouse										
ERCC2	XPD,MAG, EM9, MGC102762, MGC126218, MGC126219	General transcription and DNA repair factor IIH helicase subunit XPD	https://www.uniprot.org/uniprot/P18074	EB0159B-5E10-H3/K1	CPTC-ERCC2-1	non-modified		Rabbit						1				
ERCC3	XPB, BTF2, RAD25	General transcription and DNA repair factor IIH helicase subunit XPB	https://www.uniprot.org/uniprot/P19447	RSAP3-1D9e		non-modified		Mouse										
ERCC4	XPF,RAD1, FANCQ	DNA repair endonuclease XPF	https://www.uniprot.org/uniprot/Q92889	MGP10-1A10f		non-modified		Mouse										
ERCC6	CKN2,CSB, RAD26, ARMD5	DNA excision repair protein ERCC-6	https://www.uniprot.org/uniprot/Q03468	RSAP1-4A12c		non-modified		Mouse										
ERCC6	CKN2,CSB, RAD26, ARMD5	DNA excision repair protein ERCC-6	https://www.uniprot.org/uniprot/Q03468	RSAP5-3E11-3d		non-modified		Mouse										
ESR1	ESR,NR3A1, Era, ER-alpha	Estrogen receptor	https://www.uniprot.org/uniprot/P03372	FHC-45A-87-4		non-modified		Rabbit		Schoenherr et al, Clin. Chem. (2020) 66(11):1459-1461; (PMID: 33106847)								
ESR1	ESR,NR3A1, Era, ER-alpha	Estrogen receptor	https://www.uniprot.org/uniprot/P03372	MGP5-1G9b		non-modified		Mouse										
EZR	VIL2	Ezrin	https://www.uniprot.org/uniprot/P15311	SAIC-37C-23 H1/L3	CPTC-EZRIN-2	non-modified		Rabbit		Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)								
FAAP100	C17orf70,FLJ22175	Fanconi anemia core complex-associated protein 100	https://www.uniprot.org/uniprot/Q0VG06	FHC-130-22-10	CPTC-FAAP100-2	phosphorylation	pS667	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
FAAP100	C17orf70,FLJ22175	Fanconi anemia core complex-associated protein 100	https://www.uniprot.org/uniprot/Q0VG06	FHC-130-8-4	CPTC-FAAP100-1	phosphorylation	pS667	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
FABP4	A-FABP, aP2	Fatty acid-binding protein, adipocyte	https://www.uniprot.org/uniprot/P15090	FHC-165A-10-9	CPTC-FABP4-1	non-modified		Rabbit		Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)								1

FANCA	FACA, FANCH,FAA, FA-H, FAH	Fanconi anemia group A protein	https://www.uniprot.org/uniprot/O15360	FHC-134-65-5		phosphorylation	pS1449	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
FANCD2	FACD, FANCD,FAD, FA-D2	Fanconi anemia group D2 protein	https://www.uniprot.org/uniprot/Q9BXW9	FHC-101-56-1	CPTC-FANCD2-2	ubiquitination	uK561	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155); Whiteaker et al, DNA Repair (Amst). 2018;65:47-53 (PMID: 29605812)	1							
FANCD2	FACD, FANCD,FAD, FA-D2	Fanconi anemia group D2 protein	https://www.uniprot.org/uniprot/Q9BXW9	SAIC-104-11-8	CPTC-FANCD2-1	ubiquitination	uK561	Rabbit										
FANCI	KIAA1794,FLJ10719	Fanconi anemia group I protein	https://www.uniprot.org/uniprot/Q9NVI1	FHC-136-8-8		phosphorylation	pS730	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
FAS	FAS1, APT1, TNFRSF6,CD95, APO-1	Tumor necrosis factor receptor superfamily member 6	https://www.uniprot.org/uniprot/P25445	EB0111P-3F2-H2/K4	CPTC-FAS-1	phosphorylation	pY291	Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
FAS	FAS1, APT1, TNFRSF6,CD95, APO-1	Tumor necrosis factor receptor superfamily member 6	https://www.uniprot.org/uniprot/P25445	EB0125BR-10B8-H2/K1	CPTC-FAS-2	non-modified		Rabbit										
FBN1	FBN, MFS1, WMS,MASS, OCTD, SGS	Fibrillin-1	https://www.uniprot.org/uniprot/P35555	FHC-111C-117-9	CPTC-FBN1-1	non-modified		Rabbit		Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)								1
FBN1	FBN, MFS1, WMS,MASS, OCTD, SGS	Fibrillin-1	https://www.uniprot.org/uniprot/P35555	FHC-111D-51-8	CPTC-FBN1-2	non-modified		Rabbit		Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)								1
FBN1	FBN, MFS1, WMS,MASS, OCTD, SGS	Fibrillin-1	https://www.uniprot.org/uniprot/P35555	FHC-111E-89-8	CPTC-FBN1-3	non-modified		Rabbit		Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)								1
FEN1	RAD2,FEN-1, MF1	Flap endonuclease 1	https://www.uniprot.org/uniprot/P39748	SAIC-21C-4 H5/L1	CPTC-FEN1-1	non-modified		Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155); Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)	1							
FGF4	HSTF1,K-FGF, HBGF-4, HST, HST-1, KFGF	Fibroblast growth factor 4	https://www.uniprot.org/uniprot/P08620	FHC-21-22-12		non-modified		Rabbit										
FH		Fumarate hydratase, mitochondrial	https://www.uniprot.org/uniprot/P07954	EB1944B-5D10-H2/K2		non-modified		Rabbit										
FOLR1	FOLR,FRa	Folate receptor alpha	https://www.uniprot.org/uniprot/P15328	RSAP11-1G7h		non-modified		Mouse										
FOLR1	FOLR,FRa	Folate receptor alpha	https://www.uniprot.org/uniprot/P15328	RSAP11-2C6g		non-modified		Mouse										
FOS	c-fos, AP-1	Proto-oncogene c-Fos	https://www.uniprot.org/uniprot/P01100	FSAI079-2H1	CPTC-FOS-1	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
FOS	c-fos, AP-1	Proto-oncogene c-Fos	https://www.uniprot.org/uniprot/P01100	FSAI079-4H2	CPTC-FOS-2	non-modified		Mouse										
FOS	c-fos, AP-1	Proto-oncogene c-Fos	https://www.uniprot.org/uniprot/P01100	FSAI080-1F2	CPTC-FOS-4	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
FOXO1	FKHR, FOXO1A,FKH1	Forkhead box protein O1	https://www.uniprot.org/uniprot/Q12778	FSAI193-3B11	CPTC-FOXO1-1	non-modified		Mouse						1				

FOXO1	FKHR, FOXO1A,FKH1	Forkhead box protein O1	https://www.uniprot.org/uniprot/Q12778	FSAI193R-5G4	CPTC-FOXO1-2	non-modified		Mouse										
FOXO1	FKHR, FOXO1A,FKH1	Forkhead box protein O1	https://www.uniprot.org/uniprot/Q12778	FSAI193R-6B8	CPTC-FOXO1-3	non-modified		Mouse										
FOXO3	FKHRL1, FOXO3A,AF6q21, FOXO2	Forkhead box protein O3	https://www.uniprot.org/uniprot/O43524	Phospho-FoxO3a (Ser253) (E7C5K) (86702BF)	CPTC-FOXO3-3	phosphorylation	pS253	Rabbit		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
FSCN1	SNL,p55, FLJ38511	Fascin	https://www.uniprot.org/uniprot/Q16658	SAIC-32C-205 H1/L1	CPTC-FSCN1-1	non-modified		Rabbit		Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)								
GAPDH	GAPD	Glyceraldehyde-3-phosphate dehydrogenase	https://www.uniprot.org/uniprot/P04406	EB0959-5A11-H2/K4	CPTC-GAPDH-1	non-modified		Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745); Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420); Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)	1	1	1	1	1			1
GIT2	KIAA0148, PKL	ARF GTPase-activating protein GIT2	https://www.uniprot.org/uniprot/Q14161	EB1925D-3D4-H2/K2		non-modified		Rabbit										
GRB2	NCKAP2	Growth factor receptor-bound protein 2	https://www.uniprot.org/uniprot/P62993	SAIC-19D-1F4 H10/L1	CPTC-GRB2-1	non-modified		Rabbit		Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)								
GSK3B		Glycogen synthase kinase-3 beta	https://www.uniprot.org/uniprot/P49841	FSAI071-18B10	CPTC-GSK3B-2	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
GSK3B		Glycogen synthase kinase-3 beta	https://www.uniprot.org/uniprot/P49841	FSAI072-2C6	CPTC-GSK3B-4	non-modified		Mouse										
GSK3B		Glycogen synthase kinase-3 beta	https://www.uniprot.org/uniprot/P49841	FSAI072-2D1	CPTC-GSK3B-7	non-modified		Mouse										
GSK3B		Glycogen synthase kinase-3 beta	https://www.uniprot.org/uniprot/P49841	FSAI072-2G1	CPTC-GSK3B-3	phosphorylation	pS9	Mouse										
GSK3B		Glycogen synthase kinase-3 beta	https://www.uniprot.org/uniprot/P49841	FSAI072-5A5	CPTC-GSK3B-5	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
GSK3B		Glycogen synthase kinase-3 beta	https://www.uniprot.org/uniprot/P49841	FSAI072-6C8	CPTC-GSK3B-6	phosphorylation	pS9	Mouse										
GSK3B		Glycogen synthase kinase-3 beta	https://www.uniprot.org/uniprot/P49841	FSAI072-6E4	CPTC-GSK3B-8	non-modified		Mouse										
GSK3B		Glycogen synthase kinase-3 beta	https://www.uniprot.org/uniprot/P49841	LBR-116-2-12	CPTC-GSK3B-10	phosphorylation	pS9	Rabbit		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
GSK3B		Glycogen synthase kinase-3 beta	https://www.uniprot.org/uniprot/P49841	LBR-116-2-3	CPTC-GSK3B-9	phosphorylation	pS9	Rabbit		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
GSTP1	FAEES3, GST3,GSTP	Glutathione S-transferase P	https://www.uniprot.org/uniprot/P09211	SAIC-22D-22 H1/L4	CPTC-GSTP1-1	non-modified		Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155); Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)	1							

GZMA	HFSP, CTLA3	Granzyme A	https://www.uniprot.org/uniprot/P12544	EB0137B-3B4-H4/K2	CPTC-GZMA-1	non-modified		Rabbit							1			
H2AX	H2AFX	Histone H2AX	https://www.uniprot.org/uniprot/P16104	EB0101-1B6-H7/K1		phosphorylation	pS140	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
HAVCR2	Tim-3, TIM3, FLJ14428, TIMD3, CD366	Hepatitis A virus cellular receptor 2	https://www.uniprot.org/uniprot/Q8TDQ0	FSAI172-2E12	CPTC-HAVCR2-1	non-modified		Mouse		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
HAVCR2	Tim-3, TIM3, FLJ14428, TIMD3, CD366	Hepatitis A virus cellular receptor 2	https://www.uniprot.org/uniprot/Q8TDQ0	FSAI172-3H4	CPTC-HAVCR2-2	non-modified		Mouse										
HAVCR2	Tim-3, TIM3, FLJ14428, TIMD3, CD366	Hepatitis A virus cellular receptor 2	https://www.uniprot.org/uniprot/Q8TDQ0	FSAI172-6F2	CPTC-HAVCR2-3	non-modified		Mouse										
HBB	CD113t-C, beta-globin	Hemoglobin subunit beta	https://www.uniprot.org/uniprot/P68871	MGP7-12E4g		non-modified		Mouse		Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)								1
HBB	CD113t-C, beta-globin	Hemoglobin subunit beta	https://www.uniprot.org/uniprot/P68871	MGP7-7G4e		non-modified		Mouse		Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)								1
HLA-A		HLA class I histocompatibility antigen, A alpha chain	https://www.uniprot.org/uniprot/P04439	EB0143B-5C8-H1/K2	CPTC-HLA-A -1	non-modified		Rabbit										
HLA-B	AS	HLA class I histocompatibility antigen, B alpha chain	https://www.uniprot.org/uniprot/P01889	EB0145C-3G3-H2/K1	CPTC-HLA-B-1	non-modified		Rabbit										
HLA-C	HLA-JY3, D6S204, PSORS1	HLA class I histocompatibility antigen, C alpha chain	https://www.uniprot.org/uniprot/P10321	EB0144B-1B5-H1/K2	CPTC-HLA-C-1	non-modified		Rabbit										
HLA-DPB1	HLA-DP1B	HLA class II histocompatibility antigen, DP beta 1 chain	https://www.uniprot.org/uniprot/P04440	EB0146A-2D5-H2/K3	CPTC-HLA-DPB1-1	non-modified		Rabbit										
HLA-DPB1	HLA-DP1B	HLA class II histocompatibility antigen, DP beta 1 chain	https://www.uniprot.org/uniprot/P04440	EB0146B-1F12-H2/K2	CPTC-HLA-DPB1-2	non-modified		Rabbit										
HLA-DQA1	HLA-DQA,CELIAC1	HLA class II histocompatibility antigen, DQ alpha 1 chain	https://www.uniprot.org/uniprot/P01909	EB0147A-2C11-H2/K2	CPTC-HLA-DQA1-1	non-modified		Rabbit										
HLA-DQA1	HLA-DQA,CELIAC1	HLA class II histocompatibility antigen, DQ alpha 1 chain	https://www.uniprot.org/uniprot/P01909	EB0147B-3F1-H1/K2	CPTC-HLA-DQA1-2	non-modified		Rabbit										
HLA-DQB1	HLA-DQB,IDDM1, CELIAC1	HLA class II histocompatibility antigen, DQ beta 1 chain	https://www.uniprot.org/uniprot/P01920	EB0148E-3A5-H2/K1	CPTC-HLA-DQB1-1	non-modified		Rabbit										
HLA-DRA	HLA-DRA1	HLA class II histocompatibility antigen, DR alpha chain	https://www.uniprot.org/uniprot/P01903	EB0149C-1D9-H2/K1	CPTC-HLA-DRA-1	non-modified		Rabbit						1				
HLA-E		HLA class I histocompatibility antigen, alpha chain E	https://www.uniprot.org/uniprot/P13747	EB0974D-2H12-H1/K1	CPTC-HLA-E-1	non-modified		Rabbit						1				
HSPB1	HSP27, HSP28, Hs.76067, Hsp25, CMT2F	Heat shock protein beta-1	https://www.uniprot.org/uniprot/P04792	SAIC-23B-22 H3/L11	CPTC-HSPB1-4	non-modified		Rabbit		Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)								
HSPB1	HSP27, HSP28, Hs.76067, Hsp25, CMT2F	Heat shock protein beta-1	https://www.uniprot.org/uniprot/P04792	SAIC-23C-35 H1/L2	CPTC-HSPB1-5	non-modified		Rabbit		Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)								

HSPB1	HSP27, HSP28, Hs.76067, Hsp25, CMT2F	Heat shock protein beta-1	https://www.uniprot.org/uniprot/P04792	SAIC-23E-30 H1/L4	CPTC-HSPB1-6	non-modified		Rabbit		Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)								
HUS1		Checkpoint protein HUS1	https://www.uniprot.org/uniprot/O60921	EB1927B-8F4-H2/K1	CPTC-HUS1-1	non-modified		Rabbit										
ICOSLG	ICOSL,KIAA0653, GL50, B7-H2, B7RP-1, B7H2, B7RP1, ICOS-L, CD275, B7h	ICOS ligand	https://www.uniprot.org/uniprot/O75144	EB0136C-2D3-H2/K2	CPTC-ICOSLG-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
IDO1	IDO, INDO	Indoleamine 2,3-dioxygenase 1	https://www.uniprot.org/uniprot/P14902	EB0116B-2D10-H1/K3	CPTC-IDO1-3	non-modified		Rabbit						1				
IFIT1	G10P1, IFI56, IFNAI1,GARG-16	Interferon-induced protein with tetratricopeptide repeats 1	https://www.uniprot.org/uniprot/P09914	EB0980C-33E3-H2/K2	CPTC-IFIT1-1	non-modified		Rabbit						1				
IFIT2	IFI54, G10P2,IFI-54, ISG-54K, cig42, GARG-39	Interferon-induced protein with tetratricopeptide repeats 2	https://www.uniprot.org/uniprot/P09913	EB0981A-21F5-H1/K2	CPTC-IFIT2-1	non-modified		Rabbit						1				
IFIT3	IFIT4,ISG60, RIG-G, CIG-49, IFI60, GARG-49, IRG2	Interferon-induced protein with tetratricopeptide repeats 3	https://www.uniprot.org/uniprot/O14879	EB0982C-1F5-H4/K2	CPTC-IFIT3-1	non-modified		Rabbit						1				
IFNGR1	IFNGR,CD119	Interferon gamma receptor 1	https://www.uniprot.org/uniprot/P15260	FSAI201R-1B2	CPTC-IFNGR1-1	non-modified		Mouse										
IFNGR1	IFNGR,CD119	Interferon gamma receptor 1	https://www.uniprot.org/uniprot/P15260	FSAI201R-5C9	CPTC-IFNGR1-2	non-modified		Mouse										
IFNGR1	IFNGR,CD119	Interferon gamma receptor 1	https://www.uniprot.org/uniprot/P15260	FSAI201R-6D9	CPTC-IFNGR1-3	non-modified		Mouse							1			
IL16	LCF, IL-16, prIL-16, HsT19289, FLJ42735, FLJ16806	Pro-interleukin-16	https://www.uniprot.org/uniprot/Q14005	EB0161E-5B3-H1/K2	CPTC-IL16-1	non-modified		Rabbit						1				
IL18	IGIF, IL1F4, IL-1g, IL-18	Interleukin-18	https://www.uniprot.org/uniprot/Q14116	SAIC-24B-4 H2/L2	CPTC-IL18-4	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420); Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)			1					
IL1A	IL1,IL1F1, IL-1A, IL1-ALPHA	Interleukin-1 alpha	https://www.uniprot.org/uniprot/P01583	FSAI191-1A1	CPTC-IL1A-1	non-modified		Mouse						1				
IL1A	IL1,IL1F1, IL-1A, IL1-ALPHA	Interleukin-1 alpha	https://www.uniprot.org/uniprot/P01583	FSAI191R-10C3	CPTC-IL1A-2	non-modified		Mouse										
IL1A	IL1,IL1F1, IL-1A, IL1-ALPHA	Interleukin-1 alpha	https://www.uniprot.org/uniprot/P01583	FSAI191R-6B10	CPTC-IL1A-3	non-modified		Mouse										
IL1RN	IL1RA, ICIL-1RA, IL1F3, IRAP, IL-1RN, MGC10430	Interleukin-1 receptor antagonist protein	https://www.uniprot.org/uniprot/P18510	EB0131C-1C6-H1/K1	CPTC-IL1RN-1	non-modified		Rabbit							1			
IL2RG	SCIDX1, IMD4, CIDX,CD132	Cytokine receptor common subunit gamma	https://www.uniprot.org/uniprot/P31785	EB0983B-7C10-H1/K2	CPTC-IL2RG-1	non-modified		Rabbit						1				
IL6R	CD126	Interleukin-6 receptor subunit alpha	https://www.uniprot.org/uniprot/P08887	EB0984B-21A10-H2/K1	CPTC-IL6R-1	non-modified		Rabbit						1				
ITGAE	CD103, HUMINAE	Integrin alpha-E	https://www.uniprot.org/uniprot/P38570	EB0120A-5E10-H6/K2	CPTC-ITGAE-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
ITGAM	CR3A, CD11B,MAC-1, CD11b	Integrin alpha-M	https://www.uniprot.org/uniprot/P11215	EB0970A-1H4-H4/K2	CPTC-ITGAM-1	non-modified		Rabbit							1			

ITGAX	CD11C,CD11c	Integrin alpha-X	https://www.uniprot.org/uniprot/P20702	EB0972A-1H7-H2/K2	CPTC-ITGAX-1	non-modified		Rabbit						1					
JAK1	JAK1B,JAK1A, JTK3	Tyrosine-protein kinase JAK1	https://www.uniprot.org/uniprot/P23458	EB0162C-12D8-H1/K4	CPTC-JAK1-1	non-modified		Rabbit							1				
JUN	c-Jun, AP-1	Transcription factor AP-1	https://www.uniprot.org/uniprot/P05412	FHC-142-25-5	CPTC-JUN-6	phosphorylation	pS243	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1								
JUN	c-Jun, AP-1	Transcription factor AP-1	https://www.uniprot.org/uniprot/P05412	FHC-142-4-7	CPTC-JUN-5	phosphorylation	pS243	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1								
JUN	c-Jun, AP-1	Transcription factor AP-1	https://www.uniprot.org/uniprot/P05412	SAIC-108-5-4	CPTC-JUN-4	phosphorylation	pS63	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1								
KNL1	MCPH4, CASC5,D40, AF15Q14, CT29, KIAA1570, hKNL-1, hSpc105, PPP1R55, Spc7	Kinetochore scaffold 1	https://www.uniprot.org/uniprot/Q8NG31	EB0915-3A2-H1/K1	CPTC-KNL1-1	phosphorylation	pS767	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1							
KRT10	KPP,K10, CK10	Keratin, type I cytoskeletal 10	https://www.uniprot.org/uniprot/P13645	EB0960-5B11-H2/K3	CPTC-KRT Group A-1	non-modified		Rabbit		Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)									1
KRT5	EBS2,KRT5A	Keratin, type II cytoskeletal 5	https://www.uniprot.org/uniprot/P13647	FHC-106A-11-10	CPTC-KRT5-1	non-modified		Rabbit		Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)									1
KRT5	EBS2,KRT5A	Keratin, type II cytoskeletal 5	https://www.uniprot.org/uniprot/P13647	FHC-106B-104-2	CPTC-KRT5-2	non-modified		Rabbit		Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)									1
KRT7	K7, CK7, K2C7, SCL	Keratin, type II cytoskeletal 7	https://www.uniprot.org/uniprot/P08729	FHC-103A-37-14	CPTC-KRT7-1	non-modified		Rabbit		Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)									1
KRT7	K7, CK7, K2C7, SCL	Keratin, type II cytoskeletal 7	https://www.uniprot.org/uniprot/P08729	FHC-103D-2-10	CPTC-KRT7-2	non-modified		Rabbit		Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)									1
KRT75	K6HF	Keratin, type II cytoskeletal 75	https://www.uniprot.org/uniprot/O95678	MGP7-4F10f		non-modified		Mouse		Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)									1
KRT8	CARD2, K8, CK8, CYK8, K2C8, KO	Keratin, type II cytoskeletal 8	https://www.uniprot.org/uniprot/P05787	EB0961-5F8-H3/K9	CPTC-KRT Group B-1	non-modified		Rabbit											
LAT	LAT1	Linker for activation of T-cells family member 1	https://www.uniprot.org/uniprot/O43561	EB0919-1H7-H3/K3	CPTC-LAT-1	phosphorylation	pS224	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1							
LGALS1	GBP	Galectin-1	https://www.uniprot.org/uniprot/P09382	SAIC-25B-112 H1/L1	CPTC-LGALS1-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420); Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)			1						
LGALS9	LGALS9A	Galectin-9	https://www.uniprot.org/uniprot/O00182	EB0968A-2F5-H4/K2	CPTC-LGALS9-1	non-modified		Rabbit						1					
LIG1		DNA ligase 1	https://www.uniprot.org/uniprot/P18858	EB0165B-1H10-H2/K2	CPTC-LIG1-1	non-modified		Rabbit							1				
LIG3	LIG2,LIG3alpha	DNA ligase 3	https://www.uniprot.org/uniprot/P49916	EB1916B-1A10-H2/K1	CPTC-LIG3-1	non-modified		Rabbit											
LIG4		DNA ligase 4	https://www.uniprot.org/uniprot/P49917	EB1917B-6F8-H2/K1	CPTC-LIG4-1	non-modified		Rabbit											

LIME1	FLJ20406, dJ583P15.4, LIME	Lck-interacting transmembrane adapter 1	https://www.uniprot.org/uniprot/Q9H400	EB0918-8H8-H2/K2	CPTC-LIME1-1	phosphorylation	pT274	Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
LMNB1		Lamin-B1	https://www.uniprot.org/uniprot/P20700	EB0910-1G3-H3/K2	CPTC-LMNB1-1	phosphorylation	pT20; pS23	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
LMNB1		Lamin-B1	https://www.uniprot.org/uniprot/P20700	EB0910-3A8-H9/K5	CPTC-LMNB1-2	phosphorylation	pT20; pS23	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
LY75	DEC-205, CLEC13B, CD205	Lymphocyte antigen 75	https://www.uniprot.org/uniprot/O60449	EB0985A-42E6-H2/K1	CPTC-LY75-1	non-modified		Rabbit						1				
MAP2K1	PRKMK1,MEK1, MAPKK1	Dual specificity mitogen-activated protein kinase kinase 1	https://www.uniprot.org/uniprot/Q02750	FSAI070-1B7	CPTC-MAP2K1-1	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
MAP2K1	PRKMK1,MEK1, MAPKK1	Dual specificity mitogen-activated protein kinase kinase 1	https://www.uniprot.org/uniprot/Q02750	FSAI070-4H11	CPTC-MAP2K1-2	non-modified		Mouse										
MAP2K2	PRKMK2,MEK2	Dual specificity mitogen-activated protein kinase kinase 2	https://www.uniprot.org/uniprot/P36507	Phospho-MEK2 (Ser222) (E6T4D)	CPTC-MAP2K2-1	phosphorylation	pS222	Rabbit										
MAPK1	PRKM2, PRKM1,ERK, ERK2, p41mapk, MAPK2	Mitogen-activated protein kinase 1	https://www.uniprot.org/uniprot/P28482	LBR-117-13-3	CPTC-MAPK1-2	phosphorylation	pT185/pY187	Rabbit		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
MAPK1	PRKM2, PRKM1,ERK, ERK2, p41mapk, MAPK2	Mitogen-activated protein kinase 1	https://www.uniprot.org/uniprot/P28482	LBR-117-6-7	CPTC-MAPK1-1	phosphorylation	pT185/pY187	Rabbit										
MAPK1	PRKM2, PRKM1,ERK, ERK2, p41mapk, MAPK2	Mitogen-activated protein kinase 1	https://www.uniprot.org/uniprot/P28482	LBR-118-43-5	CPTC-MAPK1-3	phosphorylation	pT185	Rabbit										
MAPK1	PRKM2, PRKM1,ERK, ERK2, p41mapk, MAPK2	Mitogen-activated protein kinase 1	https://www.uniprot.org/uniprot/P28482	LBR-122-6-4	CPTC-MAPK1-4	phosphorylation	pY187	Rabbit										
MAPK3	PRKM3,ERK1, p44mapk, p44erk1	Mitogen-activated protein kinase 3	https://www.uniprot.org/uniprot/P27361	FSAI098-5C8	CPTC-MAPK3-1	phosphorylation	pT202/pY204	Mouse										
MAPK3	PRKM3,ERK1, p44mapk, p44erk1	Mitogen-activated protein kinase 3	https://www.uniprot.org/uniprot/P27361	FSAI098-5H5	CPTC-MAPK3-2	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
MAPK3	PRKM3,ERK1, p44mapk, p44erk1	Mitogen-activated protein kinase 3	https://www.uniprot.org/uniprot/P27361	FSAI099-3E9	CPTC-MAPK3-3	non-modified		Mouse										
MAPK3	PRKM3,ERK1, p44mapk, p44erk1	Mitogen-activated protein kinase 3	https://www.uniprot.org/uniprot/P27361	LBR-124-14-10	CPTC-MAPK3-4	phosphorylation	pT202	Rabbit		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
MAPK3	PRKM3,ERK1, p44mapk, p44erk1	Mitogen-activated protein kinase 3	https://www.uniprot.org/uniprot/P27361	LBR-124-24-4	CPTC-MAPK3-5	phosphorylation	pT202	Rabbit										
MAPK3	PRKM3,ERK1, p44mapk, p44erk1	Mitogen-activated protein kinase 3	https://www.uniprot.org/uniprot/P27361	LBR-125-19-5	CPTC-MAPK3-6	phosphorylation	pY204	Rabbit										
MAPK8	PRKM8,JNK, JNK1, SAPK1	Mitogen-activated protein kinase 8	https://www.uniprot.org/uniprot/P45983	Phospho-SAPK/JNK1 (Thr183/Tyr185) (E5S5R) (78153BF)	CPTC-MAPK8-1	phosphorylation	pT183/pY185	Rabbit		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		

MCL1	BCL2L3, Mcl-1	Induced myeloid leukemia cell differentiation protein Mcl-1	https://www.uniprot.org/uniprot/Q07820	RSAP3-1B5c		non-modified		Mouse						1				
MCM6	Mis5	DNA replication licensing factor MCM6	https://www.uniprot.org/uniprot/Q14566	EB0907-3F1-H4/K2.2	CPTC-MCM6-1	phosphorylation	pS762	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
MDC1	NFBD1, KIAA0170, Em:AB023051.5	Mediator of DNA damage checkpoint protein 1	https://www.uniprot.org/uniprot/Q14676	SAIC-121-36-8	CPTC-MDC1-4	phosphorylation	pS329	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
MDC1	NFBD1, KIAA0170, Em:AB023051.5	Mediator of DNA damage checkpoint protein 1	https://www.uniprot.org/uniprot/Q14676	SAIC-121-49-1	CPTC-MDC1-5	phosphorylation	pS329	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
MDM2	HDM2, MGC5370	E3 ubiquitin-protein ligase Mdm2	https://www.uniprot.org/uniprot/Q00987	EB0947-8C4-H2/K2	CPTC-MDM2-1	phosphorylation	pS166	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
MGMT		Methylated-DNA--protein-cysteine methyltransferase	https://www.uniprot.org/uniprot/P16455	EB0166B-3G2-H1/K1	CPTC-MGMT-1	non-modified		Rabbit						1				
MKI67	MIB-1, PPP1R105	Proliferation marker protein Ki-67	https://www.uniprot.org/uniprot/P46013	EB0908-1D3-H3/K3	CPTC-MKI67-3	phosphorylation	pT1801	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1		1				
MKI67	MIB-1, PPP1R105	Proliferation marker protein Ki-67	https://www.uniprot.org/uniprot/P46013	EB0909-6D10-H4/K5	CPTC-MKI67-4	phosphorylation	pT2406	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1		1				
MKI67	MIB-1, PPP1R105	Proliferation marker protein Ki-67	https://www.uniprot.org/uniprot/P46013	FHC-112AC-38-6	CPTC-MKI67-1	non-modified		Rabbit							1			
MKI67	MIB-1, PPP1R105	Proliferation marker protein Ki-67	https://www.uniprot.org/uniprot/P46013	FHC-112B-110-11	CPTC-MKI67-2	non-modified		Rabbit							1			
MLH1	COCA2,HNPCC, FCC2, HNPCC2	DNA mismatch repair protein Mlh1	https://www.uniprot.org/uniprot/P40692	EB0167C-2A8-H2/K1	CPTC-MLH1-2	non-modified		Rabbit						1				
MLH1	COCA2,HNPCC, FCC2, HNPCC2	DNA mismatch repair protein Mlh1	https://www.uniprot.org/uniprot/P40692	EB0167C-3H6-H2/K2	CPTC-MLH1-1	non-modified		Rabbit										
MPO		Myeloperoxidase	https://www.uniprot.org/uniprot/P05164	FSAI202-2B1	CPTC-MPO-1	non-modified		Mouse										
MPO		Myeloperoxidase	https://www.uniprot.org/uniprot/P05164	FSAI202-6H11	CPTC-MPO-2	non-modified		Mouse						1				
MPO		Myeloperoxidase	https://www.uniprot.org/uniprot/P05164	FSAI202-7D1	CPTC-MPO-3	non-modified		Mouse										
MRE11	MRE11A,ATLD	Double-strand break repair protein MRE11	https://www.uniprot.org/uniprot/P49959	EB0948-2E11-H3/K3	CPTC-MRE11A-1	phosphorylation	pS676	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
MRE11	MRE11A,ATLD	Double-strand break repair protein MRE11	https://www.uniprot.org/uniprot/P49959	EB1941A-1B9-H2/K2	CPTC-MRE11A-2	non-modified		Rabbit										
MS4A1	CD20,B1, Bp35, MS4A2	B-lymphocyte antigen CD20	https://www.uniprot.org/uniprot/P11836	EB0168A-2G10-H2/K2	CPTC-MS4A1-1	non-modified		Rabbit							1			
MSH2	COCA1,HNPCC, HNPCC1	DNA mismatch repair protein Msh2	https://www.uniprot.org/uniprot/P43246	EB0169D-1H7-H1/K2	CPTC-MSH2-1	non-modified		Rabbit							1			
MSH3	DUP, MRP1	DNA mismatch repair protein Msh3	https://www.uniprot.org/uniprot/P20585	EB1924B-2G2-H2/K2	CPTC-MSH3-1	non-modified		Rabbit							1			

MSH6	GTBP	DNA mismatch repair protein Msh6	https://www.uniprot.org/uniprot/P52701	EB0170D-1B12-H3/K2	CPTC-MSH6-1	non-modified		Rabbit						1				
MSLN	CAK1, MPF	Mesothelin	https://www.uniprot.org/uniprot/Q13421	EB2108B-3C6-H1/K1	CPTC-MSLN-1	non-modified		Rabbit							1			
MSLN	CAK1, MPF	Mesothelin	https://www.uniprot.org/uniprot/Q13421	EB2108C-2D10-H1/K1	CPTC-MSLN-2	non-modified		Rabbit							1			
MST1	D3F15S2, HGFL, DNF15S2,MSP, NF15S2	Hepatocyte growth factor-like protein	https://www.uniprot.org/uniprot/P26927	EB0986D-R2H6-H1/K1	CPTC-MST1-1	non-modified		Rabbit						1				
MTOR	FRAP, FRAP2, FRAP1,RAFT1, RAPT1, FLJ44809	Serine/threonine-protein kinase mTOR	https://www.uniprot.org/uniprot/P42345	FSAI095-2E11	CPTC-MTOR-5	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
MTOR	FRAP, FRAP2, FRAP1,RAFT1, RAPT1, FLJ44809	Serine/threonine-protein kinase mTOR	https://www.uniprot.org/uniprot/P42345	FSAI095-5D6	CPTC-MTOR-6	non-modified		Mouse										
MTOR	FRAP, FRAP2, FRAP1,RAFT1, RAPT1, FLJ44809	Serine/threonine-protein kinase mTOR	https://www.uniprot.org/uniprot/P42345	FSAI095-6G6	CPTC-MTOR-4	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
MTOR	FRAP, FRAP2, FRAP1,RAFT1, RAPT1, FLJ44809	Serine/threonine-protein kinase mTOR	https://www.uniprot.org/uniprot/P42345	FSAI095-7C11	CPTC-MTOR-3	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
MTOR	FRAP, FRAP2, FRAP1,RAFT1, RAPT1, FLJ44809	Serine/threonine-protein kinase mTOR	https://www.uniprot.org/uniprot/P42345	FSAI096-6E12	CPTC-MTOR-8	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
MTOR	FRAP, FRAP2, FRAP1,RAFT1, RAPT1, FLJ44809	Serine/threonine-protein kinase mTOR	https://www.uniprot.org/uniprot/P42345	FSAI096-7D7	CPTC-MTOR-7	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
MTOR	FRAP, FRAP2, FRAP1,RAFT1, RAPT1, FLJ44809	Serine/threonine-protein kinase mTOR	https://www.uniprot.org/uniprot/P42345	FSAI097-2B10	CPTC-MTOR-1	phosphorylation	pS2448	Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
MTOR	FRAP, FRAP2, FRAP1,RAFT1, RAPT1, FLJ44809	Serine/threonine-protein kinase mTOR	https://www.uniprot.org/uniprot/P42345	FSAI097-3A5	CPTC-MTOR-2	phosphorylation	pS2481	Mouse										
MTOR	FRAP, FRAP2, FRAP1,RAFT1, RAPT1, FLJ44809	Serine/threonine-protein kinase mTOR	https://www.uniprot.org/uniprot/P42345	LBR-119-26-12	CPTC-MTOR-9	phosphorylation	pS2481	Rabbit		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
MTOR	FRAP, FRAP2, FRAP1,RAFT1, RAPT1, FLJ44809	Serine/threonine-protein kinase mTOR	https://www.uniprot.org/uniprot/P42345	Phospho-mTOR (Ser2481) (E6K6Z)	CPTC-MTOR-10	phosphorylation	pS2481	Rabbit										
MUC1	PUM, MCKD1,CD227, PEM, ADMCKD, ADMCKD1, MCKD, MCD	Mucin-1	https://www.uniprot.org/uniprot/P15941	SAIC-103A-56-6	CPTC-MUC1-1	non-modified		Rabbit										
MUC1	PUM, MCKD1,CD227, PEM, ADMCKD, ADMCKD1, MCKD, MCD	Mucin-1	https://www.uniprot.org/uniprot/P15941	SAIC-103B-30-4	CPTC-MUC1-2	non-modified		Rabbit										
MUTYH	MYH	Adenine DNA glycosylase	https://www.uniprot.org/uniprot/Q9UIF7	EB0171-13C12-H3'/K5	CPTC-MUTYH-1	non-modified		Rabbit							1			
NBN	NBS, NBS1,ATV, AT-V2, AT-V1	Nibrin	https://www.uniprot.org/uniprot/O60934	FHC-144-15-10	CPTC-NBN-4	phosphorylation	pT434	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							

NBN	NBS, NBS1,ATV, AT-V2, AT-V1	Nibrin	https://www.uniprot.org/uniprot/O60934	FHC-144-22-7	CPTC-NBN-5	phosphorylation	pT434	Rabbit										
NBN	NBS, NBS1,ATV, AT-V2, AT-V1	Nibrin	https://www.uniprot.org/uniprot/O60934	FHC-145-12-11	CPTC-NBN-3	phosphorylation	pS432	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
NBN	NBS, NBS1,ATV, AT-V2, AT-V1	Nibrin	https://www.uniprot.org/uniprot/O60934	SAIC-107-52-2	CPTC-NBN-1	phosphorylation	pS343	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
NCAM1	NCAM, CD56	Neural cell adhesion molecule 1	https://www.uniprot.org/uniprot/P13591	EB0138A-1A5-H2/K2	CPTC-NCAM1-1	non-modified		Rabbit							1			
NCAPH2	384D8-2, hCAP-H2, CAP-H2	Condensin-2 complex subunit H2	https://www.uniprot.org/uniprot/Q6IBW4	EB0923-2E2-H2/K1	CPTC-NCAPH2-1	phosphorylation	pS492	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
NFKB2	LYT-10, p52, p105, NF-kB2, p49/p100	Nuclear factor NF-kappa-B p100 subunit	https://www.uniprot.org/uniprot/Q00653	SAIC-26C-15 H2/L15	CPTC-NFKB2-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420); Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)			1					
NIPBL	IDN3, DKFZp434L1319, FLJ11203, FLJ12597, FLJ13354, FLJ13648, Scc2	Nipped-B-like protein	https://www.uniprot.org/uniprot/Q6KC79	EB1912C-6G2-H2/K2	CPTC-NIPBL-1	non-modified		Rabbit										
NT5E	NT5,CD73, eN, eNT, CALJA	5'-nucleotidase	https://www.uniprot.org/uniprot/P21589	EB0966B-2F7-H2/K3	CPTC-NT5E-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
NUDT16L1	SDOS, TIRR	Tudor-interacting repair regulator protein	https://www.uniprot.org/uniprot/Q9BRJ7	EB1913A-2B6-H2/K1	CPTC-NUDT16L1-1	non-modified		Rabbit										
NUMA1		Nuclear mitotic apparatus protein 1	https://www.uniprot.org/uniprot/Q14980	EB0906-2E12-H3/K5	CPTC-NUMA1-1	phosphorylation	pS395	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
PAK4		Serine/threonine-protein kinase PAK 4	https://www.uniprot.org/uniprot/O96013	EB0922-2B6-H3/K2	CPTC-PAK4-1	phosphorylation	pS181	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
PALB2	FLJ21816, FANCN	Partner and localizer of BRCA2	https://www.uniprot.org/uniprot/Q86YC2	FHC-146-16-5	CPTC-PALB2-1	phosphorylation	pS376	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
PALB2	FLJ21816, FANCN	Partner and localizer of BRCA2	https://www.uniprot.org/uniprot/Q86YC2	RSAP5-1H1b		non-modified		Mouse										
PARP1	PPOL, ADPRT,PARP, ARTD1	Poly [ADP-ribose] polymerase 1	https://www.uniprot.org/uniprot/P09874	EB0949-5C8-H2/K1	CPTC-PARP1-2	phosphorylation	pS41	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
PARP1	PPOL, ADPRT,PARP, ARTD1	Poly [ADP-ribose] polymerase 1	https://www.uniprot.org/uniprot/P09874	FHC-149-10-10		phosphorylation	pS177	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1				1			
PARP2	ADPRTL2,ARTD2	Poly [ADP-ribose] polymerase 2	https://www.uniprot.org/uniprot/Q9UGN5	EB2105A-5G11-H2/K2		non-modified		Rabbit										
PAXIP1	PAXIP1L,CAGF29, CAGF28, TNRC2, PTIP	PAX-interacting protein 1	https://www.uniprot.org/uniprot/Q6ZW49	RSAP3-4B9d		non-modified		Mouse							1			
PCNA		Proliferating cell nuclear antigen	https://www.uniprot.org/uniprot/P12004	FHC-102-27-7	CPTC-PCNA-4	ubiquitination	uK164	Rabbit										

PCNA		Proliferating cell nuclear antigen	https://www.uniprot.org/uniprot/P12004	FHC-113A-83-2	CPTC-PCNA-2	non-modified	uK164	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1				1			
PCNA		Proliferating cell nuclear antigen	https://www.uniprot.org/uniprot/P12004	FHC-113B-31-8	CPTC-PCNA-3	non-modified		Rabbit							1			
PCNA		Proliferating cell nuclear antigen	https://www.uniprot.org/uniprot/P12004	SAIC-105-12-12	CPTC-PCNA-2	ubiquitination	uK164	Rabbit										
PCNA		Proliferating cell nuclear antigen	https://www.uniprot.org/uniprot/P12004	SAIC-27C-101 H1/L4	CPTC-PCNA-1	non-modified		Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155); Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)	1				1			
PDCD1	SLEB2,CD279, PD1, hSLE1, PD-1	Programmed cell death protein 1	https://www.uniprot.org/uniprot/Q15116	EB0104CR-1G2-H2/K2	CPTC-PDCD1-1	non-modified		Rabbit							1			
PDCD1LG2	PD-L2, Btdc, PDL2, bA574F11.2, CD273, B7-DC	Programmed cell death 1 ligand 2	https://www.uniprot.org/uniprot/Q9BQ51	EB0105A-3A4-H1/K1	CPTC-PDCD1LG2-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
PDIA3	P58, ERp61, ERp57, ERp60, GRP57, PI-PLC, HsT17083	protein disulfide isomerase family A, member 3	https://www.uniprot.org/uniprot/P30101	RSAP9-1C1h		non-modified		Mouse										
PECAM1	CD31	Platelet endothelial cell adhesion molecule	https://www.uniprot.org/uniprot/P16284	MGP7-11F10d		non-modified		Mouse		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420); Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)			1					1
PFKFB3	IPFK2, PFK2, iPFK-2	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3	https://www.uniprot.org/uniprot/Q16875	RSAP10-2A10a		non-modified		Mouse										
PFKFB3	IPFK2, PFK2, iPFK-2	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3	https://www.uniprot.org/uniprot/Q16875	RSAP10-2F4g		non-modified		Mouse										
PGR	PR, NR3C3	Progesterone receptor	https://www.uniprot.org/uniprot/P06401	FHC-110A-25-4	CPTC-PGR-1	non-modified		Rabbit										
PGR	PR, NR3C3	Progesterone receptor	https://www.uniprot.org/uniprot/P06401	FHC-110B-66-7	CPTC-PGR-2	non-modified		Rabbit		Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904); Schoenherr et al, Clin. Chem. (2020) 66(11):1459-1461; (PMID: 33106847)								1
PIK3CA	PI3K	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform	https://www.uniprot.org/uniprot/P42336	EB1918C-2H9-H1/K1	CPTC-PIK3CA-1	non-modified		Rabbit										
PLIN4	KIAA1881,S3-12	Perilipin-4	https://www.uniprot.org/uniprot/Q96Q06	FHC-105A-57-12	CPTC-PLIN4-1	non-modified		Rabbit		Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)								1
PLIN4	KIAA1881,S3-12	Perilipin-4	https://www.uniprot.org/uniprot/Q96Q06	FHC-105B-12-6	CPTC-PLIN4-2	non-modified		Rabbit		Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)								1
PMS1	PMSL1,MLH2	PMS1 protein homolog 1	https://www.uniprot.org/uniprot/P54277	EB0172B-3E8-H1/K2	CPTC-PMS1-1	non-modified		Rabbit						1				
PMS2	PMSL2,H_DJ0042M02.9, HNPCC4, MLH4	Mismatch repair endonuclease PMS2	https://www.uniprot.org/uniprot/P54278	EB0173A-13E9-H1/K1		non-modified		Rabbit							1			
POLB		DNA polymerase beta	https://www.uniprot.org/uniprot/P06746	EB1926C-3C7-H1/K2	CPTC-POLB-1	non-modified		Rabbit										

POLD1	POLD,CDC2	DNA polymerase delta catalytic subunit	https://www.uniprot.org/uniprot/P28340	EB0174A-11G3-H2/K1	CPTC-POLD1-1	non-modified		Rabbit						1				
POLQ	POLH	DNA polymerase theta	https://www.uniprot.org/uniprot/O75417	MGP9-1C3d		non-modified		Mouse		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
POSTN	OSF-2, PN, periostin	Periostin	https://www.uniprot.org/uniprot/Q15063	RSAP5-1D1b		non-modified		Mouse										
PRDX2	TDPX1,PRP, NKEFB, TSA, PRXII, PRX2, MGC4104	Peroxiredoxin-2	https://www.uniprot.org/uniprot/P32119	SAIC-34B-124 H1/L1	CPTC-PRDX2-1	non-modified		Rabbit		Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)								
PRDX2	TDPX1,PRP, NKEFB, TSA, PRXII, PRX2, MGC4104	Peroxiredoxin-2	https://www.uniprot.org/uniprot/P32119	SAIC-34D-11 H1/L1	CPTC-PRDX2-2	non-modified		Rabbit		Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)								
PRDX4	AOE37-2	Peroxiredoxin-4	https://www.uniprot.org/uniprot/Q13162	SAIC-40A-24 H1/L3	CPTC-PRDX4-4	non-modified		Rabbit		Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)								
PRDX4	AOE37-2	Peroxiredoxin-4	https://www.uniprot.org/uniprot/Q13162	SAIC-40C-8 H1/L2	CPTC-PRDX4-5	non-modified		Rabbit		Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)								
PSMA1	HC2, NU, PROS30, MGC14542, MGC14575, MGC14751, MGC1667, MGC21459, MGC22853, MGC23915	Proteasome subunit alpha type-1	https://www.uniprot.org/uniprot/P25786	EB0133E-5G8-H1/K1	CPTC-PSMA1-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
PSMB10	MECL1,LMP10, MGC1665, beta2i	Proteasome subunit beta type-10	https://www.uniprot.org/uniprot/P40306	EB0987C-2A1-H4/K1	CPTC-PSMB10-1	non-modified		Rabbit										
PTEN	BZS, MHAM,MMAC1, TEP1, PTEN1	Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN	https://www.uniprot.org/uniprot/P60484	FSAI068-2B2	CPTC-PTEN-3	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
PTEN	BZS, MHAM,MMAC1, TEP1, PTEN1	Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN	https://www.uniprot.org/uniprot/P60484	FSAI068-2B8	CPTC-PTEN-4	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
PTEN	BZS, MHAM,MMAC1, TEP1, PTEN1	Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN	https://www.uniprot.org/uniprot/P60484	FSAI069-1A5	CPTC-PTEN-5	non-modified		Mouse										
PTEN	BZS, MHAM,MMAC1, TEP1, PTEN1	Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN	https://www.uniprot.org/uniprot/P60484	FSAI069-1F4	CPTC-PTEN-6	non-modified		Mouse										
PTEN	BZS, MHAM,MMAC1, TEP1, PTEN1	Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN	https://www.uniprot.org/uniprot/P60484	FSAI069-1G4	CPTC-PTEN-1	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
PTEN	BZS, MHAM,MMAC1, TEP1, PTEN1	Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN	https://www.uniprot.org/uniprot/P60484	FSAI069-3B4	CPTC-PTEN-2	non-modified		Mouse										
PTEN	BZS, MHAM,MMAC1, TEP1, PTEN1	Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN	https://www.uniprot.org/uniprot/P60484	FSAI069-4H3	CPTC-PTEN-7	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
PTGS2	COX2	Prostaglandin G/H synthase 2	https://www.uniprot.org/uniprot/P35354	EB0124B-2D1-H1/K1	CPTC-PTGS2-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
PTPN2	PTPT,TCELLPTP, TC-PTP, TCPTP	Tyrosine-protein phosphatase non-receptor type 2	https://www.uniprot.org/uniprot/P17706	EB0177B-12A4-H2/K1	CPTC-PTPN2-1	non-modified		Rabbit							1			

PTPRC	CD45,LCA, T200, GP180	Receptor-type tyrosine-protein phosphatase C	https://www.uniprot.org/uniprot/P08575	FHC-104A-13-7	CPTC-PTPRC-1	non-modified		Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155); Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420); Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)	1		1					1
PTPRC	CD45,LCA, T200, GP180	Receptor-type tyrosine-protein phosphatase C	https://www.uniprot.org/uniprot/P08575	FHC-104C-17-8	CPTC-PTPRC-2	non-modified		Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155); Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420); Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)	1		1					1
PVR	PVS,CD155, HVED, Necl-5, NECL5, Tage4	Poliovirus receptor	https://www.uniprot.org/uniprot/P15151	EB0139A-1B6-H1/K1	CPTC-PVR-1	non-modified		Rabbit						1				
RAD1	HRAD1, REC1	Cell cycle checkpoint protein RAD1	https://www.uniprot.org/uniprot/O60671	EB1919A-7D6-H2/K2	CPTC-RAD1-1	non-modified		Rabbit										
RAD18	RNF73	E3 ubiquitin-protein ligase RAD18	https://www.uniprot.org/uniprot/Q9NS91	FHC-151-108-8	CPTC-RAD18-3	phosphorylation	pS471	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
RAD18	RNF73	E3 ubiquitin-protein ligase RAD18	https://www.uniprot.org/uniprot/Q9NS91	FHC-151-110-7	CPTC-RAD18-5	phosphorylation	pS471	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
RAD18	RNF73	E3 ubiquitin-protein ligase RAD18	https://www.uniprot.org/uniprot/Q9NS91	SAIC-106-8-1	CPTC-RAD18-4	phosphorylation	pS99	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
RAD23B	HHR23B, P58, HR23B	UV excision repair protein RAD23 homolog B	https://www.uniprot.org/uniprot/P54727	SAIC-28A-29 H2/L3	CPTC-RAD23B-1	non-modified		Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155); Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)	1							
RAD23B	HHR23B, P58, HR23B	UV excision repair protein RAD23 homolog B	https://www.uniprot.org/uniprot/P54727	SAIC-28B-8 H5/L3	CPTC-RAD23B-2	non-modified		Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155); Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)	1							
RAD50	hRad50, RAD50-2	DNA repair protein RAD50	https://www.uniprot.org/uniprot/Q92878	EB0904-1D5-H3/K3	CPTC-RAD50-2	phosphorylation	pS470	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
RAD50	hRad50, RAD50-2	DNA repair protein RAD50	https://www.uniprot.org/uniprot/Q92878	SAIC-113-5-4	CPTC-RAD50-1	phosphorylation	pS635	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
RAD51	RAD51A, RECA,HsRad51, HsT16930, BRCC5, FANCR	DNA repair protein RAD51 homolog 1	https://www.uniprot.org/uniprot/Q06609	RSAP3-2A1e		non-modified		Mouse										
RAD51	RAD51A, RECA,HsRad51, HsT16930, BRCC5, FANCR	DNA repair protein RAD51 homolog 1	https://www.uniprot.org/uniprot/Q06609	RSAP3-2B4d		non-modified		Mouse										
RAD51C	RAD51L2, FANCO	DNA repair protein RAD51 homolog 3	https://www.uniprot.org/uniprot/O43502	FHC-153-57-3	CPTC-RAD51C-2	phosphorylation	pS20	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
RAD51C	RAD51L2, FANCO	DNA repair protein RAD51 homolog 3	https://www.uniprot.org/uniprot/O43502	FHC-153-71-7	CPTC-RAD51C-1	phosphorylation	pS20	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
RAD9A	RAD9	Cell cycle checkpoint control protein RAD9A	https://www.uniprot.org/uniprot/Q99638	EB0952-3D4-H1/K4	CPTC-RAD9A-1	phosphorylation	pS387	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
RAF1	Raf-1, c-Raf, CRAF	RAF proto-oncogene serine/threonine-protein kinase	https://www.uniprot.org/uniprot/P04049	EB0964-1E5-H2/K2	CPTC-RAF1-8	phosphorylation	pS259	Rabbit										

RAF1	Raf-1, c-Raf, CRAF	RAF proto-oncogene serine/threonine-protein kinase	https://www.uniprot.org/uniprot/P04049	FSAI093-10D5	CPTC-RAF1-2	non-modified		Mouse										
RAF1	Raf-1, c-Raf, CRAF	RAF proto-oncogene serine/threonine-protein kinase	https://www.uniprot.org/uniprot/P04049	FSAI093-6E2	CPTC-RAF1-1	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
RAF1	Raf-1, c-Raf, CRAF	RAF proto-oncogene serine/threonine-protein kinase	https://www.uniprot.org/uniprot/P04049	FSAI176-10H5	CPTC-RAF1-6	phosphorylation	pS259	Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
RAF1	Raf-1, c-Raf, CRAF	RAF proto-oncogene serine/threonine-protein kinase	https://www.uniprot.org/uniprot/P04049	FSAI176-7H10	CPTC-RAF1-4	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
RAF1	Raf-1, c-Raf, CRAF	RAF proto-oncogene serine/threonine-protein kinase	https://www.uniprot.org/uniprot/P04049	FSAI176-8A1	CPTC-RAF1-5	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
RAF1	Raf-1, c-Raf, CRAF	RAF proto-oncogene serine/threonine-protein kinase	https://www.uniprot.org/uniprot/P04049	LBR-121-15-5	CPTC-RAF1-3	phosphorylation	pS259	Rabbit		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)						1		
RAF1	Raf-1, c-Raf, CRAF	RAF proto-oncogene serine/threonine-protein kinase	https://www.uniprot.org/uniprot/P04049	Phospho-c-Raf (Ser259) (E8G1E)	CPTC-RAF1-7	phosphorylation	pS259	Rabbit										
RB1	OSRC,RB, PPP1R130	Retinoblastoma-associated protein	https://www.uniprot.org/uniprot/P06400	SAIC-118-104-2	CPTC-RB1-3	phosphorylation	pS807	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1			1				
RB1	OSRC,RB, PPP1R130	Retinoblastoma-associated protein	https://www.uniprot.org/uniprot/P06400	SAIC-118-17-4	CPTC-RB1-2	phosphorylation	pS807	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1			1				
RECQL	RecQ1, RecQL1	ATP-dependent DNA helicase Q1	https://www.uniprot.org/uniprot/P46063	EB1922A-9B6-H1/K1	CPTC-RECQL-1	non-modified		Rabbit										
REV3L	POLZ, REV3	DNA polymerase zeta catalytic subunit	https://www.uniprot.org/uniprot/O60673	FHC-154-13-13		phosphorylation	pS1724	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
REV3L	POLZ, REV3	DNA polymerase zeta catalytic subunit	https://www.uniprot.org/uniprot/O60673	FHC-154-5-6		phosphorylation	pS1724	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
RIF1	FLJ12870, FLJ10599	Telomere-associated protein RIF1	https://www.uniprot.org/uniprot/Q5UIP0	FHC-155-35-2		phosphorylation	pS1542	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155); Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)	1		1					
RNASEH2A	RNASEHI, RNHIA, RNHL, AGS4	Ribonuclease H2 subunit A	https://www.uniprot.org/uniprot/O75792	EB1928B-9E5-H4/K1	CPTC-RNASEH2A-1	non-modified		Rabbit										
RNF168	FLJ35794	E3 ubiquitin-protein ligase RNF168	https://www.uniprot.org/uniprot/Q8IYW5	EB1914-8E3-H1/K1	CPTC-RNF168-1	non-modified		Rabbit										
RPA1	REPA1, RPA70, HSSB, RF-A, RP-A	Replication protein A 70 kDa DNA-binding subunit	https://www.uniprot.org/uniprot/P27694	EB1921B-10B8-H3/K2	CPTC-RPA1-1	non-modified		Rabbit										
RPTOR	KOG1, Mip1, KIAA1303, raptor	Regulatory-associated protein of mTOR	https://www.uniprot.org/uniprot/Q8N122	FSAI077-1G2	CPTC-RPTOR-2	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	

RPTOR	KOG1, Mip1, KIAA1303, raptor	Regulatory-associated protein of mTOR	https://www.uniprot.org/uniprot/Q8N122	FSAI077-2D8	CPTC-RPTOR-1	non-modified		Mouse		Schoenherr et al, Scientific Data (2019) (PMID: 31467290); Whiteaker et al, Cell Rep Methods. 2021;1(3):100015. (PMID: 34671754)							1	
RRM2	C2orf48,FLJ25102	Ribonucleoside-diphosphate reductase subunit M2	https://www.uniprot.org/uniprot/P31350	SAIC-30C-18 H1/L3	CPTC-RRM2-1	non-modified		Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155); Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)	1							
RRM2	C2orf48,FLJ25102	Ribonucleoside-diphosphate reductase subunit M2	https://www.uniprot.org/uniprot/P31350	SAIC-30E-7 H2/L3	CPTC-RRM2-2	non-modified		Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155); Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)	1							
RTF1	KIAA0252	RNA polymerase-associated protein RTF1 homolog	https://www.uniprot.org/uniprot/Q92541	EB0902-2A7-H7/K1	CPTC-RTF1-2	phosphorylation	pS655	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
RTF1	KIAA0252	RNA polymerase-associated protein RTF1 homolog	https://www.uniprot.org/uniprot/Q92541	EB0902-4A12-H2/K2	CPTC-RTF1-1	phosphorylation	pS655	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
SAAL1	FLJ41463	Protein SAAL1	https://www.uniprot.org/uniprot/Q96ER3	EB0903-7G1-H1/K2	CPTC-SAAL1-1	phosphorylation	pS237	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
SELE	ELAM1, ELAM,ESEL, CD62E	E-selectin	https://www.uniprot.org/uniprot/P16581	FHC-17-10-4		non-modified		Rabbit						1				
SERPINA6	CBG	Corticosteroid-binding globulin	https://www.uniprot.org/uniprot/P08185	SAIC-42B-10 H3/L2	CPTC-SERPINA6-1	non-modified		Rabbit		Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)					1			
SIGLEC1	SN,SIGLEC-1, CD169, FLJ00051, FLJ00055, FLJ00073, FLJ32150, dJ1009E24.1, sialoadhesin	Sialoadhesin	https://www.uniprot.org/uniprot/Q9BZZ2	EB0178C-1D3-H2/K2	CPTC-SIGLEC1-1	non-modified		Rabbit						1				
SIGLEC7	SIGLEC19P, SIGLECP2,SIGLEC-7, p75/AIRM1, QA79, CD328	Sialic acid-binding Ig-like lectin 7	https://www.uniprot.org/uniprot/Q9Y286	EB0988C-43B8-H1/K1	CPTC-SIGLEC7-1	non-modified		Rabbit						1				
SIGLEC9	CD329	Sialic acid-binding Ig-like lectin 9	https://www.uniprot.org/uniprot/Q9Y336	EB0179D-3H4-H2/K2	CPTC-SIGLEC9-1	non-modified		Rabbit										
SLAMF8	BLAME, SBBI42, CD353	SLAM family member 8	https://www.uniprot.org/uniprot/Q9P0V8	EB0182C-12H1-H3/K3	CPTC-SLAMF8-1	non-modified		Rabbit							1			
SLC31A1	COPT1,hCTR1, CTR1	High affinity copper uptake protein 1	https://www.uniprot.org/uniprot/O15431	RSAP2-2G7c		non-modified		Mouse										
SLFN11	FLJ34922	Schlafen family member 11	https://www.uniprot.org/uniprot/Q7Z7L1	RSAP1-3G11-1d		non-modified		Mouse										
SNCG	BCSG1, SR, persyn	Gamma-synuclein	https://www.uniprot.org/uniprot/O76070	SAIC-31A-10 H3/L3	CPTC-SNCG-3	non-modified		Rabbit		Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)								
SPP1	BNSP, OPN,BSPI, ETA-1	Osteopontin	https://www.uniprot.org/uniprot/P10451	EB0183A-R1C7-H1/K2	CPTC-SPP1-1	non-modified		Rabbit						1				
SPP1		N/A; this target is a mouse target	https://www.uniprot.org/uniprot/P10923	FHC-4-73-5		non-modified		Rabbit-anti-mouse										
STAT1	STAT91, ISGF-3	Signal transducer and activator of transcription 1-alpha/beta	https://www.uniprot.org/uniprot/P42224	EB0107C-2F2-H2/K2	CPTC-STAT1-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					

STAT1	STAT91, ISGF-3	Signal transducer and activator of transcription 1-alpha/beta	https://www.uniprot.org/uniprot/P42224	EB0107DP-1E9-H4/K1	CPTC-STAT1-2	phosphorylation	pS727	Rabbit										
STAT1	STAT91, ISGF-3	Signal transducer and activator of transcription 1-alpha/beta	https://www.uniprot.org/uniprot/P42224	EB0107EP-1D9-H2/K1	CPTC-STAT1-3	phosphorylation	pY701	Rabbit										
STAT2	STAT113	Signal transducer and activator of transcription 2	https://www.uniprot.org/uniprot/P52630	RSAP8-3E10b		non-modified		Mouse										
STAT3	APRF	Signal transducer and activator of transcription 3	https://www.uniprot.org/uniprot/P40763	EB0106C-2H10-H4/K1	CPTC-STAT3-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
STAT3	APRF	Signal transducer and activator of transcription 3	https://www.uniprot.org/uniprot/P40763	EB0963-4E6-H3/K1	CPTC-STAT3-2	phosphorylation	pY705	Rabbit										
STAT6	D12S1644, IL-4-STAT	Signal transducer and activator of transcription 6	https://www.uniprot.org/uniprot/P42226	EB0969D-3F6-H1/K1	CPTC-STAT6-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
STING1	TMEM173,FLJ38577, NET23, ERIS, MPYS, STING, MITA	Stimulator of interferon genes protein	https://www.uniprot.org/uniprot/Q86WV6	EB0971D-1B5-H2/K1		non-modified		Rabbit						1				
TAGLN	SM22, WS3-10, TAGLN1, SMCC, DKFZp686P11128	Transgelin	https://www.uniprot.org/uniprot/Q01995	SAIC-33B-129 H1/L3	CPTC-TAGLN-1	non-modified		Rabbit		Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)								
TAP1	ABCB2,PSF1, RING4, D6S114E	Antigen peptide transporter 1	https://www.uniprot.org/uniprot/Q03518	EB0184A-3E6-H3/K2	CPTC-TAP1-1	non-modified		Rabbit						1				
TAP2	ABCB3,PSF2, RING11, D6S217E	Antigen peptide transporter 2	https://www.uniprot.org/uniprot/Q03519	EB0141A-2G9-H3/K2	CPTC-TAP2-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
TAPBP	TAPA	Tapasin	https://www.uniprot.org/uniprot/O15533	FSAI200-2A9	CPTC-TAPBP-1	non-modified		Mouse										
TAPBP	TAPA	Tapasin	https://www.uniprot.org/uniprot/O15533	FSAI200-3B3	CPTC-TAPBP-2	non-modified		Mouse						1				
TERF2	TRBF2,TRF2	Telomeric repeat-binding factor 2	https://www.uniprot.org/uniprot/Q15554	SAIC-119-125-12	CPTC-TERF2-3	phosphorylation	pS323	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
TGFB1	TGFB, DPD1,CED, TGFbeta	Transforming growth factor beta-1 proprotein	https://www.uniprot.org/uniprot/P01137	EB0114A-5D1-H4/K3	CPTC-TGFB1-1	non-modified		Rabbit							1			
TIPRL	MGC3794, dJ69E11.3, TIP41, TIPRL1	TIP41-like protein	https://www.uniprot.org/uniprot/Q75663	EB1920C-2H9-H3/K1	CPTC-TIPRL-1	non-modified		Rabbit										
TNFRSF14	HVEM, ATAR, TR2, LIGHTR, HVEA, CD270	Tumor necrosis factor receptor superfamily member 14	https://www.uniprot.org/uniprot/Q92956	FSAI165R-12A4	CPTC-TNFRSF14-1	non-modified		Mouse										
TNFRSF14	HVEM, ATAR, TR2, LIGHTR, HVEA, CD270	Tumor necrosis factor receptor superfamily member 14	https://www.uniprot.org/uniprot/Q92956	FSAI165R-12E10	CPTC-TNFRSF14-2	non-modified		Mouse										
TNFRSF14	HVEM, ATAR, TR2, LIGHTR, HVEA, CD270	Tumor necrosis factor receptor superfamily member 14	https://www.uniprot.org/uniprot/Q92956	FSAI165R-9F8	CPTC-TNFRSF14-3	non-modified		Mouse		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
TNFRSF17	BCMA,BCM, CD269, TNFRSF13A	Tumor necrosis factor receptor superfamily member 17	https://www.uniprot.org/uniprot/Q02223	EB0916-2B6-H1/K1	CPTC-TNFRSF17-1	phosphorylation	pS173	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745); Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)		1	1					

TNFRSF9	ILA,CD137, 4-1BB	Tumor necrosis factor receptor superfamily member 9	https://www.uniprot.org/uniprot/Q07011	FSAI150-3F2	CPTC-TNFRSF9-4	non-modified		Mouse										
TNFRSF9	ILA,CD137, 4-1BB	Tumor necrosis factor receptor superfamily member 9	https://www.uniprot.org/uniprot/Q07011	FSAI150-3G10	CPTC-TNFRSF9-5	non-modified		Mouse		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
TNFRSF9	ILA,CD137, 4-1BB	Tumor necrosis factor receptor superfamily member 9	https://www.uniprot.org/uniprot/Q07011	FSAI150-6A6	CPTC-TNFRSF9-6	non-modified		Mouse										
TNFSF10	TRAIL, Apo-2L, TL2, CD253	Tumor necrosis factor ligand superfamily member 10	https://www.uniprot.org/uniprot/P50591	FHC-24-103-7		non-modified		Rabbit										
TNFSF10	TRAIL, Apo-2L, TL2, CD253	Tumor necrosis factor ligand superfamily member 10	https://www.uniprot.org/uniprot/P50591	FHC-24-45-5		non-modified		Mouse										
TNFSF9	4-1BB-L, 4-1BBL	Tumor necrosis factor ligand superfamily member 9	https://www.uniprot.org/uniprot/P41273	FSAI164R-10H6	CPTC-TNFSF9-1	non-modified		Mouse		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
TNFSF9	4-1BB-L, 4-1BBL	Tumor necrosis factor ligand superfamily member 9	https://www.uniprot.org/uniprot/P41273	FSAI164R-5F8	CPTC-TNFSF9-2	non-modified		Mouse										
TOP1		DNA topoisomerase 1	https://www.uniprot.org/uniprot/P11387	EB1901NA-5F10-H3/K3	CPTC-TOP1-4	non-modified		Rabbit										
TOPBP1	KIAA0259, TOP2BP1, Dpb11	DNA topoisomerase 2-binding protein 1	https://www.uniprot.org/uniprot/Q92547	FHC-160-9-3		phosphorylation	pT1062	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
TOPBP1	KIAA0259, TOP2BP1, Dpb11	DNA topoisomerase 2-binding protein 1	https://www.uniprot.org/uniprot/Q92547	FHC-161-4-6		phosphorylation	pS1138	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
TP53	p53, LFS1	Cellular tumor antigen p53	https://www.uniprot.org/uniprot/P04637	EB0926-7C3-H3/K1	CPTC-TP53-1	phosphorylation	pS315	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
TP53	p53, LFS1	Cellular tumor antigen p53	https://www.uniprot.org/uniprot/P04637	EB0927-3G12-H3/K2	CPTC-TP53-2	phosphorylation	pS15; pT18	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
TP53	p53, LFS1	Cellular tumor antigen p53	https://www.uniprot.org/uniprot/P04637	EB2102B-2A1-H1/K2		non-modified		Rabbit										
TP53	p53, LFS1	Cellular tumor antigen p53	https://www.uniprot.org/uniprot/P04637	RSAP7-1A2g		non-modified		Mouse										
TP53BP1	53BP1, p202, TDRD30	TP53-binding protein 1	https://www.uniprot.org/uniprot/Q12888	EB0956-4E12-H2/K2	CPTC-TP53BP1-1	phosphorylation	pT543; pS552	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
TP53BP1	53BP1, p202, TDRD30	TP53-binding protein 1	https://www.uniprot.org/uniprot/Q12888	EB2103B-2E11-H2/K1		non-modified		Rabbit										
TSHB		Thyrotropin subunit beta	https://www.uniprot.org/uniprot/P01222	SAIC-101A-93-4	CPTC-TSHB-1	non-modified		Rabbit										
TSHB		Thyrotropin subunit beta	https://www.uniprot.org/uniprot/P01222	SAIC-101D-57-11	CPTC-TSHB-2	non-modified		Rabbit										
TUBB	OK/SW-cl.56, MGC16435, M40, Tubb5	Tubulin beta chain	https://www.uniprot.org/uniprot/P07437	EB0958-5B2-H3/K2	CPTC-TUBB-1	non-modified		Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745); Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)		1						1

TXN	TRDX, TRX, TRX1	Thioredoxin	https://www.uniprot.org/uniprot/P10599	RSAP10-1H1h		non-modified		Mouse										
UBE2C	UBCH10	Ubiquitin-conjugating enzyme E2 C	https://www.uniprot.org/uniprot/O00762	SAIC-41A-1 H2/L4	CPTC-UBE2C-2	non-modified		Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155); Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)	1							
UBE2C	UBCH10	Ubiquitin-conjugating enzyme E2 C	https://www.uniprot.org/uniprot/O00762	SAIC-41C-6 H4/L4	CPTC-UBE2C-3	non-modified		Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155); Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)	1							
UBE2I	UBC9	SUMO-conjugating enzyme UBC9	https://www.uniprot.org/uniprot/P63279	SAIC-36A-9 H3/L2	CPTC-UBE2I-1	non-modified		Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155); Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)	1							
UBE2T	HSPC150, FANCT	Ubiquitin-conjugating enzyme E2 T	https://www.uniprot.org/uniprot/Q9NPD8	FHC-162-1-3	CPTC-UBE2T-1	phosphorylation	pS184	Rabbit		Whiteaker et al, Radiat Res. 2018;189(5):505-518. (PMID: 29474155)	1							
UNC45A	SMAP-1, GC-UNC45	Protein unc-45 homolog A	https://www.uniprot.org/uniprot/Q9H3U1	MGP6-11A6e		non-modified		Mouse										
UTP14A	SDCCAG16,NY-CO-16, Utp14	U3 small nucleolar RNA-associated protein 14 homolog A	https://www.uniprot.org/uniprot/Q9BVJ6	EB0905-6E11-H1/K2	CPTC-UTP14A-1	phosphorylation	pS453	Rabbit		Whiteaker et al, Cancers (Basel). 2021;13(15):3843 (PMID: 34359745)		1						
VCAM1	CD106	Vascular cell adhesion protein 1	https://www.uniprot.org/uniprot/P19320	EB0140E-2H1-H2/K2	CPTC-VCAM1-1	non-modified		Rabbit		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
VCAN	CSPG2,PG-M	Versican core protein	https://www.uniprot.org/uniprot/P13611	CPT-134B-18-H1/L1		non-modified		Rabbit		Kennedy et al, Clin Chem. 2021;67(7):1008-1018. (PMID: 34136904)								1
VEGFA	VEGF,VEGF-A, VPF	Vascular endothelial growth factor A	https://www.uniprot.org/uniprot/P15692	EB0132C-5H10-H1/K1	CPTC-VEGFA-1	non-modified		Rabbit							1			
VSIR	C10orf54,SISP1, GI24, B7-H5, B7H5, VISTA, PD-1H, Dies1	V-type immunoglobulin domain-containing suppressor of T-cell activation	https://www.uniprot.org/uniprot/Q9H7M9	EB0135B-5D8-H2/K2	CPTC-VSIR-1	non-modified		Rabbit							1			
VTCN1	B7-H4, FLJ22418, B7S1, B7x, B7H4	V-set domain-containing T-cell activation inhibitor 1	https://www.uniprot.org/uniprot/Q7Z7D3	FSAI171R-1B1	CPTC-VTCN1-1	non-modified		Mouse										
VTCN1	B7-H4, FLJ22418, B7S1, B7x, B7H4	V-set domain-containing T-cell activation inhibitor 1	https://www.uniprot.org/uniprot/Q7Z7D3	FSAI171R-7D11	CPTC-VTCN1-2	non-modified		Mouse		Whiteaker et al, Frontiers Immun. (2021) (PMID: 34858420)			1					
XPNPEP1	XPNPEP, XPNPEPL1, XPNPEPL	Xaa-Pro aminopeptidase 1	https://www.uniprot.org/uniprot/Q9NQW7	SAIC-07B-14 H3/L2	CPTC-XPNPEP1-1	non-modified		Rabbit		Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)								
XPNPEP1	XPNPEP, XPNPEPL1, XPNPEPL	Xaa-Pro aminopeptidase 1	https://www.uniprot.org/uniprot/Q9NQW7	SAIC-07E-1 H3/L1	CPTC-XPNPEP1-2	non-modified		Rabbit		Schoenherr et al, MCP (2015) 14(2):382-98. (PMID: 25512614)								
XRCC1	RCC	DNA repair protein XRCC1	https://www.uniprot.org/uniprot/P18887	RSAP1-6F3e		non-modified		Mouse										
XRCC5	KU80, KARP-1, Ku86, KUB2	X-ray repair cross-complementing protein 5	https://www.uniprot.org/uniprot/P13010	EB0185E-13B11-H1/K2	CPTC-XRCC5-1	non-modified		Rabbit						1				

XRCC6	G22P1,D22S731, D22S671, KU70, ML8	X-ray repair cross-complementing protein 6	https://www.uniprot.org/uniprot/P12956	MGP8-2D1c		non-modified		Mouse										
XRCC6	G22P1,D22S731, D22S671, KU70, ML8	X-ray repair cross-complementing protein 6	https://www.uniprot.org/uniprot/P12956	MGP8-2E12e		non-modified		Mouse										
XRCC6	G22P1,D22S731, D22S671, KU70, ML8	X-ray repair cross-complementing protein 6	https://www.uniprot.org/uniprot/P12956	MGP8-2E2d		non-modified		Mouse										
XRCC6	G22P1,D22S731, D22S671, KU70, ML8	X-ray repair cross-complementing protein 6	https://www.uniprot.org/uniprot/P12956	MGP8-2F8b		non-modified		Mouse										
ZAP70	SRK,ZAP-70, STD	Tyrosine-protein kinase ZAP-70	https://www.uniprot.org/uniprot/P43403	EB0186E-1H8-H1/K4	CPTC-ZAP70-1	non-modified		Rabbit						1				