

*Salmonella* was labeled with the aminoxy probe, and then allowed to infect the macrophage for set intervals ranging from 15 min to 6 hours. After washing away the externally attached *Salmonella*, macrophage samples with different infection times were irradiated with 365 nm UV light for 10 min to covalently crosslink proteins. The irradiated cells were then harvested and lysed with lysis buffer, and NeutrAvidin beads were used to isolate the putative targets. Control (without UV radiation) was also performed in the same biological context tested. The proteins enriched by NeutrAvidin beads either from samples and controls were digested on-beads sequentially with Lys C and trypsin, and the resulting peptides were characterized and quantified by label-free LC-MS/MS. Raw MS files were analyzed by MaxQuant version 1.5.2 (<http://www.maxquant.org>). MS/MS spectra were searched by the Andromeda search engine using default parameter against the decoy SwissProt *Salmonella typhimurium* database (Version March 2018, 1916 entries). Proteins specifically identified the UV samples were listed.

Column Name	Comments	
ID	Protein ID in UNIPROT database	
GeneName	Gene name in UNIPROT database	
Description	Protein name in UNIPROT database	
ID	GeneName	Description
ACKA_SALTY	ackA	Acetate kinase
AHPF_SALTY	ahpF	Alkyl hydroperoxide reductase subunit F;
BGLX_SALTY	bglX	Periplasmic beta-glucosidase; (Precursor)
CH60_SALTY	groL	60 kDa chaperonin
CLPB_SALTY	clpB	Chaperone protein ClpB;
CRP_SALTY	crp	cAMP-activated global transcriptional regulator CRP;
CSPA_SALTY	cspA	Cold shock protein CspA;Short=CSP-A;
CYSK_SALTY	cysK	Cysteine synthase A;Short=CSase A;
DBHA_SALTY	hupA	DNA-binding protein HU-alpha;
DBHB_SALTY	hupB	DNA-binding protein HU-beta;
DEGP_SALTY	degP	Periplasmic serine endoprotease DegP; (Precursor)
DGAL_SALTY	mgIB	D-galactose-binding periplasmic protein;Short=GBP; (Precursor)
DNAJ_SALTY	dnaJ	Chaperone protein DnaJ
DPS_SALTY	dps	DNA protection during starvation protein
EFG_SALTY	fusA	Elongation factor G;Short=EF-G;
ENO_SALTY	eno	Enolase
FABA_SALTY	fabA	3-hydroxydecanoyl-[acyl-carrier-protein] dehydratase
FABG_SALTY	fabG	3-oxoacyl-[acyl-carrier-protein] reductase FabG;
HNS_SALTY	hns	DNA-binding protein H-NS
HSLU_SALTY	hslU	ATP-dependent protease ATPase subunit HslU
IF3_SALTY	infC	Translation initiation factor IF-3
KPYK2_SALTY	pykA	Pyruvate kinase II;
LRP_SALTY	lrp	Leucine-responsive regulatory protein.
MDH_SALTY	mdh	Malate dehydrogenase
MDTA_SALTY	mdtA	Multidrug resistance protein MdtA
NUSG_SALTY	nusG	Transcription termination/antitermination protein NusG
OPPA_SALTY	oppA	Periplasmic oligopeptide-binding protein;Flags: Precursor; (Precursor)
PRC_SALTY	prc	Tail-specific protease; (Precursor)
PTA_SALTY	pta	Phosphate acetyltransferase;
PTHP_SALTY	ptsH	Phosphocarrier protein HPr;
RBFA_SALTY	rbfA	Ribosome-binding factor A
RCSB_SALTY	rcsB	Transcriptional regulatory protein RcsB
RIDA_SALTY	ridA	2-iminobutanoate/2-iminopropanoate deaminase.
RL1_SALTY	rplA	50S ribosomal protein L1
RL10_SALTY	rplJ	50S ribosomal protein L10;
RL11_SALTY	rplK	50S ribosomal protein L11
RL15_SALTY	rplO	50S ribosomal protein L15
RL18_SALTY	rplR	50S ribosomal protein L18
RL22_SALTY	rplV	50S ribosomal protein L22
RL5_SALTY	rplE	50S ribosomal protein L5
RL6_SALTY	rplF	50S ribosomal protein L6
RL9_SALTY	rplI	50S ribosomal protein L9
RLUF_SALTY	rluF	23S rRNA pseudouridine(2604) synthase
RNB_SALTY	rnb	Exoribonuclease 2
RRF_SALTY	frr	Ribosome-recycling factor
RS2_SALTY	rpsB	30S ribosomal protein S2
RS3_SALTY	rpsC	30S ribosomal protein S3;
RS4_SALTY	rpsD	30S ribosomal protein S4;
RS5_SALTY	rpsE	30S ribosomal protein S5;
RS8_SALTY	rpsH	30S ribosomal protein S8;
RUVA_SALTY	ruvA	Holliday junction ATP-dependent DNA helicase RuvA
SEQA_SALTY	seqA	Negative modulator of initiation of replicator
SKP_SALTY	skp	Chaperone protein Skp; (Precursor)
SODM_SALTY	sodA	Superoxide dismutase [Mn];
SURA_SALTY	surA	Chaperone SurA
SYFA_SALTY	pheS	Phenylalanine--tRNA ligase alpha subunit

SYGB_SALTY	glyS	Glycine--tRNA ligase beta subunit
TIG_SALTY	tig	Trigger factor
UGPB_SALTY	ugpB	sn-glycerol-3-phosphate-binding periplasmic protein UgpB;Flags: Precursor; (Precursor
YAEH_SALTY	yaeH	UPF0325 protein YaeH
YAJQ_SALTY	yajQ	UPF0234 protein YajQ
YNCE_SALTY	yncE	Uncharacterized protein YncE;Flags: Precursor; (Precursor
FLID_SALTY	fliD	Flagellar hook-associated protein 2;Short=HAP2;
STEA_SALTY	steA	Secreted effector protein SteA;
AHPC_SALTY	ahpC	Alkyl hydroperoxide reductase C
ATPB_SALTY	atpD	ATP synthase subunit beta
CBIH_SALTY	cbiH	Probable cobalt-factor III C(17)-methyltransferase
CHEA_SALTY	cheA	Chemotaxis protein CheA;
CISY_SALTY	gltA	Citrate synthase;
CYSG_SALTY	cysG	Siroheme synthase
GLTI_SALTY	gltI	Glutamate/aspartate import solute-binding proteir
NRDD_SALTY	nrdD	Anaerobic ribonucleoside-triphosphate reductase
POTD_SALTY	potD	Spermidine/putrescine-binding periplasmic protein;Short=SPBP;Flags: Precursor; (Precu
SIGE_SALTY	sigE	Chaperone protein SigE;
SIPD_SALTY	sipD	Cell invasion protein SipD;
SLYB_SALTY	slyB	Outer membrane lipoprotein SlyB;Flags: Precursor; (Precursor
SOPD_SALTY	sopD	Secreted effector protein SopD;
SSEA_SALTY	sseA	Type III secretion system chaperone SseA;Short=TTSS chaperone SseA
TPX_SALTY	tpx	Thiol peroxidase



rsor