

Table S1: *E. coli* isolates screened for putative microcin gene cluster

Strain	Biosample	SRR number	Sample Source
PSU-0388	CFSAN074663	SRR7250127	Cow, (Bovine)
PSU-0389	CFSAN074664	SRR7284516	Cow, (Bovine)
PSU-0390	CFSAN074665	SRR7284874	Cow, (Bovine)
PSU-0391	CFSAN074666	SRR7284885	Cow, (Bovine)
PSU-0392	CFSAN074667	SRR7284863	Cow, (Bovine)
PSU-0393	CFSAN074668	SRR7284859	Cow, (Bovine)
PSU-0394	CFSAN074669	SRR7284663	Cow, (Bovine)
PSU-0395	CFSAN074670	SRR7284868	Pig, (Porcine)
PSU-0397	CFSAN074672	SRR7284660	Cow, (Bovine)
PSU-0398	CFSAN074673	SRR7284539	Food, Lettuce - Romaine
PSU-0399	CFSAN074674	SRR7284469	Food, Lettuce - Romaine
PSU-0400	CFSAN074675	SRR7284434	Food, Lettuce - Romaine
PSU-0401	CFSAN074676	SRR7284856	Cow, (Bovine)
PSU-0402	CFSAN074677	SRR7284656	Food, Lettuce - Leaf
PSU-0403	CFSAN074678	SRR7284873	Food, Lettuce - Romaine
PSU-0404	CFSAN074679	SRR7284376	Food, Lettuce - Romaine
PSU-0405	CFSAN074680	SRR7284801	Food, Lettuce - Romaine
PSU-0406	CFSAN074681	SRR7284183	Food, Cantaloupe
PSU-0407	CFSAN074682	SRR7284338	Food, Celery
PSU-0408	CFSAN074683	SRR7284693	Food, Celery
PSU-0409	CFSAN074684	SRR7284820	Food, Lettuce - Romaine
PSU-0410	CFSAN074685	SRR7284866	Food, Lettuce - Romaine
PSU-0411	CFSAN074686	SRR7283820	Food, Lettuce - Romaine
PSU-0412	CFSAN074687	SRR7284855	Food, Lettuce - Romaine
PSU-0413	CFSAN074688	SRR7284563	Food, Lettuce - Romaine
PSU-0414	CFSAN074689	SRR7284862	Food, Lettuce - Romaine
PSU-0415	CFSAN074690	SRR7284879	Food, Lettuce - Romaine
PSU-0425	CFSAN074700	SRR7427138	Food, Celery
PSU-0426	CFSAN074701	SRR7427254	Food, Celery
PSU-0436	CFSAN074711	SRR7264054	Food, Lettuce - Leaf
PSU-0437	CFSAN074712	SRR7263703	Food, Lettuce - Leaf
PSU-0438	CFSAN074713	SRR7264114	Food, Lettuce - Romaine
PSU-0439	CFSAN074714	SRR7263711	Food, Lettuce - Romaine
PSU-0440	CFSAN074715	SRR7263692	Food, Lettuce - Romaine
PSU-0441	CFSAN074716	SRR7263259	Food, Lettuce - Romaine
PSU-0442	CFSAN074717	SRR7264563	Food, Lettuce - Romaine
PSU-0465	CFSAN074740	SRR6920769	Pig, (Porcine)
PSU-0466	CFSAN074741	SRR6919274	missing
PSU-0467	CFSAN074742	SRR6919237	Food, Dairy Products
PSU-0468	CFSAN074743	SRR6919270	Avian
PSU-0469	CFSAN074744	SRR6919276	Pig, (Porcine)
PSU-0470	CFSAN074745	SRR6919142	Avian
PSU-0471	CFSAN074746	SRR6919164	Avian
PSU-0472	CFSAN074747	SRR6919109	Avian
PSU-0473	CFSAN074748	SRR6919146	Avian
PSU-0474	CFSAN074749	SRR6919176	Avian
PSU-0475	CFSAN074750	SRR6919230	Antelope, Blesbok
PSU-0476	CFSAN074751	SRR6919205	Pig, (Porcine)
PSU-0477	CFSAN074752	SRR6920517	Pig, (Porcine)
PSU-0478	CFSAN074753	SRR6921447	Pig, (Porcine)

PSU-0479	CFSAN074754	SRR6921434	missing
PSU-0480	CFSAN074755	SRR6921455	Duck, (Avian)
PSU-0481	CFSAN074756	SRR7094503	Cow, (Bovine)
PSU-0482	CFSAN074757	SRR6920547	Sheep, (Ovine)
PSU-0483	CFSAN074758	SRR6921309	Pig, (Porcine)
PSU-0484	CFSAN074759	SRR6921407	Food, Ground Beef
PSU-0487	CFSAN074762	SRR6903154	Food, Ground Beef
PSU-0489	CFSAN074764	SRR6902910	Chicken, (Avian)
PSU-0490	CFSAN074765	SRR6902807	Pigeon, (Avian)
PSU-0491	CFSAN074766	SRR6902735	Chicken, (Avian)
PSU-0492	CFSAN074767	SRR6902864	Avian
PSU-0493	CFSAN074768	SRR6903131	Chicken, (Avian)
PSU-0494	CFSAN074769	SRR6930600	Chicken, (Avian)
PSU-0495	CFSAN074770	SRR6930879	Pheasant, (Avian)
PSU-0496	CFSAN074771	SRR6930653	Horse (Equine)
PSU-0497	CFSAN074772	SRR6930493	Dog (Canine)
PSU-0498	CFSAN074773	SRR6930597	Food, Carrot
PSU-0499	CFSAN074774	SRR6930192	Food, Carrot
PSU-0500	CFSAN074775	SRR6930201	Food, Carrot
PSU-0501	CFSAN074776	SRR6930202	Food, Carrot
PSU-0502	CFSAN074777	SRR6930654	Horse (Equine)
PSU-0503	CFSAN074778	SRR6930198	Dog (Canine)
PSU-0504	CFSAN074779	SRR6930872	Dog (Canine)
PSU-0505	CFSAN074780	SRR6902707	Dog (Canine)
PSU-0506	CFSAN074781	SRR6903163	Cow, (Bovine)
PSU-0507	CFSAN074782	SRR6902881	Cow, (Bovine)
PSU-0508	CFSAN074783	SRR6902768	Pig, (Porcine)
PSU-0509	CFSAN074784	SRR6902874	Cow, (Bovine)
PSU-0510	CFSAN074785	SRR6903164	Chicken, (Avian)
PSU-0511	CFSAN074786	SRR6902896	Chicken, (Avian)
PSU-0514	CFSAN079477	SRR7135441	chicken
PSU-0515	CFSAN079478	SRR7135463	pig
PSU-0516	CFSAN079479	SRR7135410	cow
PSU-0517	CFSAN079480	SRR6986358	chicken
PSU-0518	CFSAN079481	SRR6985954	cow
PSU-0519	CFSAN079482	SRR6986389	chicken
PSU-0520	CFSAN079483	SRR6986084	pig
PSU-0521	CFSAN079484	SRR7135448	chicken
PSU-0522	CFSAN079485	SRR7135443	cow
PSU-0523	CFSAN079486	SRR7135459	pig
PSU-0524	CFSAN079487	SRR7135442	turkey
PSU-0525	CFSAN079488	SRR6986385	turkey
PSU-0526	CFSAN079489	SRR6985833	Antelope
PSU-0527	CFSAN079490	SRR6985969	Ferret
PSU-0528	CFSAN079491	SRR6986225	turkey
PSU-0529	CFSAN079492	SRR6986368	cow
PSU-0530	CFSAN079493	SRR6986334	cow
PSU-0531	CFSAN079494	SRR6985968	pig
PSU-0532	CFSAN079495	SRR6986340	turkey
PSU-0533	CFSAN079496	SRR6986343	turkey
PSU-0534	CFSAN079497	SRR6986086	horse
PSU-0535	CFSAN079498	SRR7135621	chicken
PSU-0536	CFSAN079499	SRR7135395	chicken

PSU-0537	CFSAN079500	SRR7135415	cow
PSU-0538	CFSAN079501	SRR6985914	water
PSU-0539	CFSAN079502	SRR7135197	water
PSU-0540	CFSAN079503	SRR6986346	water
PSU-0541	CFSAN079504	SRR6985924	water
PSU-0542	CFSAN079505	SRR6986366	water
PSU-0543	CFSAN079506	SRR6985925	water
PSU-0544	CFSAN079507	SRR7135449	water
PSU-0545	CFSAN079508	SRR7135418	water
PSU-0546	CFSAN079509	SRR7135444	water
PSU-0547	CFSAN079510	SRR7135446	water
PSU-0548	CFSAN079511	SRR7135619	Turkey, (Avian)
PSU-0549	CFSAN079512	SRR7135398	Turkey, (Avian)
PSU-0550	CFSAN079513	SRR7135198	Turkey, (Avian)
PSU-0551	CFSAN079514	SRR7135419	Turkey, (Avian)
PSU-0552	CFSAN079515	SRR7135447	Turkey, (Avian)
PSU-0553	CFSAN079516	SRR7135440	Turkey, (Avian)
PSU-0554	CFSAN079517	SRR7135445	Turkey, (Avian)
PSU-0555	CFSAN079518	SRR6985834	Turkey, (Avian)
PSU-0556	CFSAN079519	SRR6986349	Turkey, (Avian)
PSU-0557	CFSAN079520	SRR6985926	Turkey, (Avian)
PSU-0558	CFSAN079521	SRR6985923	Turkey, (Avian)
PSU-0559	CFSAN079522	SRR6985890	Turkey, (Avian)
PSU-0560	CFSAN079523	SRR6986347	Turkey, (Avian)
PSU-0561	CFSAN079524	SRR6985859	Turkey, (Avian)
PSU-0562	CFSAN079525	SRR7012002	Turkey, (Avian)
PSU-0563	CFSAN079526	SRR7011994	Turkey, (Avian)
PSU-0564	CFSAN079527	SRR7011955	Turkey, (Avian)
PSU-0565	CFSAN079528	SRR7012117	Mink
PSU-0566	CFSAN079529	SRR7011946	Mink
PSU-0567	CFSAN079530	SRR7011506	food
PSU-0568	CFSAN079531	SRR7010901	Food, Dairy Products
PSU-0569	CFSAN079532	SRR7011047	Food, Dairy Products
PSU-0570	CFSAN079533	SRR7010927	Food, Dairy Products
PSU-0571	CFSAN079534	SRR7010950	Pig, (Porcine)
PSU-0572	CFSAN079535	SRR7011192	Pig, (Porcine)
PSU-0573	CFSAN079536	SRR7011026	Klipspringer
PSU-0575	CFSAN079538	SRR7010476	Food, Vegetable
PSU-0576	CFSAN079539	SRR7010318	Food, Vegetable
PSU-0577	CFSAN079540	SRR7135417	Food, Vegetable
PSU-0578	CFSAN079541	SRR7135490	Horse, (Equine)
PSU-0579	CFSAN079542	SRR7012237	Marmoset
PSU-0580	CFSAN079543	SRR7135402	Pig, (Porcine)
PSU-0581	CFSAN079544	SRR7135403	Pig, (Porcine)
PSU-0582	CFSAN079545	SRR7135200	Pig, (Porcine)
PSU-0583	CFSAN079546	SRR7135199	Food, Dairy Products
PSU-0584	CFSAN079547	SRR7135396	Food, Dairy Products
PSU-0585	CFSAN079548	SRR7010289	Dog, (Canine)
PSU-0601	CFSAN079774	SRR7042103	Lemur, Madagascar
PSU-0602	CFSAN079775	SRR7042094	Lemur, Madagascar
PSU-0603	CFSAN079776	SRR7042101	Turkey, (Avian)
PSU-0604	CFSAN079777	SRR7042064	Turkey, (Avian)
PSU-0605	CFSAN079778	SRR7042065	Turkey, (Avian)

PSU-0606	CFSAN079779	SRR7042047	Deer, Whitetail
PSU-0607	CFSAN079780	SRR7042024	Dog, (Canine)
PSU-0608	CFSAN079781	SRR7042029	Dog, (Canine)
PSU-0609	CFSAN079782	SRR7042030	Dog, (Canine)
PSU-0610	CFSAN079783	SRR7042056	Dog, (Canine)
PSU-0611	CFSAN079784	SRR7041753	Dog, (Canine)
PSU-0612	CFSAN079785	SRR7041752	Dog, (Canine)
PSU-0613	CFSAN079786	SRR7042020	Dog, (Canine)
PSU-0614	CFSAN079787	SRR7041895	Food, Cider
PSU-0615	CFSAN079788	SRR7041903	Food, Cider
PSU-0616	CFSAN079789	SRR7041866	Food, Cider
PSU-0617	CFSAN079790	SRR7041865	Food, Cider
PSU-0618	CFSAN079791	SRR7041736	Food, Cider
PSU-0619	CFSAN079792	SRR7041750	Chicken, (Avian)
PSU-0620	CFSAN079793	SRR7040547	Chicken, (Avian)
PSU-0621	CFSAN079794	SRR7041735	Chicken, (Avian)
PSU-0623	CFSAN079796	SRR7041705	Chicken, (Avian)
PSU-0624	CFSAN079797	SRR7041623	Llama
PSU-0625	CFSAN080232	SRR7064623	Horse, (Equine)
PSU-0626	CFSAN080233	SRR7064601	Pig, (Porcine)
PSU-0627	CFSAN080234	SRR7064604	food
PSU-0628	CFSAN080235	SRR7066517	Cow, (Bovine)
PSU-0629	CFSAN080236	SRR7066519	Cow, (Bovine)
PSU-0630	CFSAN080237	SRR7066514	Cow, (Bovine)
PSU-0631	CFSAN080238	SRR7066518	Cow, (Bovine)
PSU-0632	CFSAN080239	SRR7066513	Cow, (Bovine)
PSU-0633	CFSAN080240	SRR7066516	Cow, (Bovine)
PSU-0634	CFSAN080241	SRR7064598	Cow, (Bovine)
PSU-0635	CFSAN080242	SRR7064600	Chicken, (Avian)
PSU-0636	CFSAN080243	SRR7066512	Chicken, (Avian)
PSU-0637	CFSAN080244	SRR7066521	Chicken, (Avian)
PSU-0639	CFSAN080246	SRR7065978	Chicken, (Avian)
PSU-0640	CFSAN080247	SRR7066534	Chicken, (Avian)
PSU-0641	CFSAN080248	SRR7066573	Chicken, (Avian)
PSU-0642	CFSAN080249	SRR7066542	Chicken, (Avian)
PSU-0643	CFSAN080250	SRR7066504	Cow, (Bovine)
PSU-0644	CFSAN080251	SRR7066540	Sheep, (Ovine)
PSU-0645	CFSAN080252	SRR7066571	Horse, (Equine)
PSU-0646	CFSAN080253	SRR7064562	Prairie Dog
PSU-0647	CFSAN080254	SRR7066528	Pig, (Porcine)
PSU-0648	CFSAN080255	SRR7064578	Pig, (Porcine)
PSU-0649	CFSAN080256	SRR7065008	Cow, (Bovine)
PSU-0650	CFSAN080257	SRR7065787	Cow, (Bovine)
PSU-0651	CFSAN080258	SRR7065774	Cow, (Bovine)
PSU-0652	CFSAN080259	SRR7065788	Cow, (Bovine)
PSU-0653	CFSAN080260	SRR7065430	Cow, (Bovine)
PSU-0654	CFSAN080261	SRR7065749	Cow, (Bovine)
PSU-0655	CFSAN080262	SRR7066501	Cow, (Bovine)
PSU-0656	CFSAN080263	SRR7066508	Cow, (Bovine)
PSU-0657	CFSAN080264	SRR7065404	Cow, (Bovine)
PSU-0658	CFSAN080265	SRR7066498	Cow, (Bovine)
PSU-0659	CFSAN080266	SRR7065389	Cow, (Bovine)
PSU-0660	CFSAN080267	SRR7064619	Cow, (Bovine)

PSU-0661	CFSAN080268	SRR7064574	Cow, (Bovine)
PSU-0662	CFSAN080269	SRR7064576	Ostrich
PSU-0663	CFSAN080270	SRR7064564	Okapi
PSU-0664	CFSAN080271	SRR7064565	Pig, (Porcine)
PSU-0665	CFSAN080272	SRR7066529	water
PSU-0666	CFSAN080273	SRR7064468	water
PSU-0667	CFSAN080274	SRR7064469	water
PSU-0668	CFSAN080275	SRR7064570	water
PSU-0669	CFSAN080276	SRR7064572	water
PSU-0670	CFSAN080277	SRR7064471	water
PSU-0671	CFSAN080278	SRR7064557	water
PSU-0672	CFSAN080279	SRR7064554	water
PSU-0673	CFSAN080280	SRR7085307	Antelope, Eland
PSU-0674	CFSAN080281	SRR7085276	Klipspringer
PSU-0675	CFSAN080282	SRR7085316	water
PSU-0676	CFSAN080283	SRR7085292	water
PSU-0677	CFSAN080284	SRR7085308	water
PSU-0678	CFSAN080285	SRR7085315	water
PSU-0679	CFSAN080286	SRR7085285	water
PSU-0680	CFSAN080287	SRR7085310	water
PSU-0681	CFSAN080288	SRR7085296	water
PSU-0682	CFSAN080289	SRR7085291	Dog, (Canine)
PSU-0683	CFSAN080290	SRR7085317	Environment
PSU-0684	CFSAN080291	SRR7085279	Environment
PSU-0685	CFSAN080292	SRR7085283	Mouse
PSU-0686	CFSAN080293	SRR7084924	Dog, (Canine)
PSU-0687	CFSAN080294	SRR7084922	Mouse
PSU-0688	CFSAN080295	SRR7085318	Mouse
PSU-0689	CFSAN080296	SRR7085324	Dolphin
PSU-0690	CFSAN080297	SRR7084884	Goat, (Caprine)
PSU-0691	CFSAN080298	SRR7084909	Horse, (Equine)
PSU-0692	CFSAN080299	SRR7084913	Environment
PSU-0693	CFSAN080300	SRR7084925	Whale
PSU-0694	CFSAN080301	SRR7085311	Mouse
PSU-0695	CFSAN080302	SRR7085327	Amphibians & reptiles
PSU-0696	CFSAN080303	SRR7085314	Amphibians & reptiles
PSU-0697	CFSAN082568	SRR7414582	water
PSU-0698	CFSAN082569	SRR7415406	water
PSU-0699	CFSAN082570	SRR7500633	water
PSU-0700	CFSAN082571	SRR7414164	water
PSU-0701	CFSAN082572	SRR7500734	water
PSU-0702	CFSAN082573	SRR7500731	water
PSU-0703	CFSAN082574	SRR7500732	water
PSU-0704	CFSAN082575	SRR7500668	water
PSU-0705	CFSAN082576	SRR7500676	water
PSU-0706	CFSAN082577	SRR7468875	water
PSU-0707	CFSAN082578	SRR7468976	Pig, (Porcine)
PSU-0708	CFSAN082579	SRR8104590	Deer, Whitetail
PSU-0709	CFSAN082580	SRR7500638	Food, Carrot
PSU-0710	CFSAN082581	SRR7500678	Horse, (Equine)
PSU-0711	CFSAN082582	SRR7466965	Gazelle, Curvier's
PSU-0712	CFSAN082583	SRR7500674	Antelope, Topi
PSU-0713	CFSAN082584	SRR8104589	Elk

PSU-0714	CFSAN082585	SRR8104584	Rabbit, Dom (Lampine)
PSU-0715	CFSAN082586	SRR7429964	Cow, (Bovine)
PSU-0716	CFSAN082587	SRR7430365	Environment
PSU-0717	CFSAN082588	SRR7429435	Alpaca
PSU-0718	CFSAN082589	SRR7429935	Alpaca
PSU-0719	CFSAN082590	SRR7500660	Alpaca
PSU-0720	CFSAN082591	SRR7500679	Alpaca
PSU-0721	CFSAN082592	SRR7466561	Amphibians & reptiles
PSU-0722	CFSAN082593	SRR7500666	Amphibians & reptiles
PSU-0723	CFSAN082594	SRR7428288	Amphibians & reptiles
PSU-0724	CFSAN082595	SRR7427726	Amphibians & reptiles
PSU-0725	CFSAN082596	SRR7427739	Amphibians & reptiles
PSU-0726	CFSAN082597	SRR7427145	Amphibians & reptiles
PSU-0727	CFSAN082598	SRR7427239	Amphibians & reptiles
PSU-0728	CFSAN082599	SRR7427137	Poultry
PSU-0729	CFSAN082600	SRR7427139	Poultry
PSU-0730	CFSAN082601	SRR7427609	Poultry
PSU-0731	CFSAN082602	SRR7427608	Poultry
PSU-0732	CFSAN082603	SRR7427357	Poultry
PSU-0733	CFSAN082604	SRR7427612	Poultry
PSU-0734	CFSAN082605	SRR7500738	Poultry
PSU-0736	CFSAN082607	SRR8104580	Poultry
PSU-0737	CFSAN082608	SRR7415243	Poultry
PSU-0739	CFSAN082610	SRR8104484	Poultry
PSU-0740	CFSAN082611	SRR7500630	Poultry
PSU-0741	CFSAN082612	SRR8104472	Poultry
PSU-0742	CFSAN082613	SRR8104481	Poultry
PSU-0743	CFSAN082614	SRR8104475	Poultry
PSU-0744	CFSAN082615	SRR8104478	Poultry
PSU-0746	CFSAN082617	SRR8104485	Poultry
PSU-0747	CFSAN082618	SRR8104483	Poultry
PSU-0748	CFSAN082619	SRR7499310	Poultry
PSU-0749	CFSAN082620	SRR7499269	Poultry
PSU-0750	CFSAN082621	SRR7499279	Poultry
PSU-0751	CFSAN082622	SRR7497094	Poultry
PSU-0752	CFSAN082623	SRR7499285	Poultry
PSU-0753	CFSAN082624	SRR7497110	Poultry
PSU-0754	CFSAN082625	SRR7499266	Capybaras
PSU-0755	CFSAN082626	SRR7497098	Cow, (Bovine)
PSU-0756	CFSAN082627	SRR7499275	Environment
PSU-0757	CFSAN082628	SRR7499281	Environment
PSU-0758	CFSAN082629	SRR7499276	Environment
PSU-0759	CFSAN082630	SRR7499293	Environment
PSU-0760	CFSAN082631	SRR7499271	Environment
PSU-0761	CFSAN082632	SRR7499330	Zebra
PSU-0762	CFSAN082633	SRR8104585	Dog, (Canine)
PSU-0762	CFSAN082633	SRR7656174	Dog, (Canine)
PSU-0763	CFSAN082634	SRR7499283	Cow, (Bovine)
PSU-0764	CFSAN082635	SRR8104583	Goat, (Caprine)
PSU-0764	CFSAN082635	SRR7656132	Goat, (Caprine)
PSU-0765	CFSAN082636	SRR8104588	Cat, (Feline)
PSU-0765	CFSAN082636	SRR7656127	Cat, (Feline)
PSU-0766	CFSAN082637	SRR7499284	Cow, (Bovine)

PSU-0768	CFSAN082639	SRR8104591	food
PSU-0769	CFSAN083836	SRR7613586	Cow, (Bovine)
PSU-0770	CFSAN083837	SRR7613740	Cow, (Bovine)
PSU-0771	CFSAN083838	SRR7613718	food
PSU-0772	CFSAN083839	SRR7613722	food
PSU-0773	CFSAN083840	SRR7613736	Cow, (Bovine)
PSU-0774	CFSAN083841	SRR7613730	Cow, (Bovine)
PSU-0775	CFSAN083842	SRR7613738	food
PSU-0776	CFSAN083843	SRR7613638	Cow, (Bovine)
PSU-0777	CFSAN083844	SRR7613647	Cow, (Bovine)
PSU-0778	CFSAN083845	SRR7613716	Cow, (Bovine)
PSU-0779	CFSAN083846	SRR7613726	Cow, (Bovine)
PSU-0781	CFSAN083848	SRR7613723	Environment
PSU-0782	CFSAN083849	SRR7613633	Steller's Eider
PSU-0783	CFSAN083850	SRR7613643	Steller's Eider
PSU-0784	CFSAN083851	SRR7613629	Steller's Eider
PSU-0785	CFSAN083852	SRR7613622	Deer, Whitetail
PSU-0786	CFSAN083853	SRR7613729	Camelid
PSU-0787	CFSAN083854	SRR7613732	Cow, (Bovine)
PSU-0788	CFSAN083855	SRR7613739	Cow, (Bovine)
PSU-0789	CFSAN083856	SRR7613733	Cow, (Bovine)
PSU-0790	CFSAN083857	SRR7613662	Cow, (Bovine)
PSU-0791	CFSAN083858	SRR7613654	Cow, (Bovine)
PSU-0792	CFSAN083859	SRR7613585	Cow, (Bovine)
PSU-0793	CFSAN083860	SRR7613612	Dog, (Canine)
PSU-0794	CFSAN083861	SRR7613572	Pig, (Porcine)
PSU-0795	CFSAN083862	SRR7613568	Squirrel
PSU-0796	CFSAN083863	SRR7613607	Grain
PSU-0797	CFSAN083864	SRR7613567	Pig, (Porcine)
PSU-0798	CFSAN083865	SRR7613625	food
PSU-0799	CFSAN083866	SRR7613593	Food, Spinach
PSU-0800	CFSAN083867	SRR7613611	Avian
PSU-0801	CFSAN083868	SRR7613596	Food, Lettuce - Romaine
PSU-0802	CFSAN083869	SRR7613573	Cat, (Feline)
PSU-0803	CFSAN083870	SRR7613605	Deer, Whitetail
PSU-0804	CFSAN083871	SRR7613604	Cow, (Bovine)
PSU-0805	CFSAN083872	SRR7613428	Cow, (Bovine)
PSU-0806	CFSAN083873	SRR7613561	Feral Pig
PSU-0807	CFSAN083874	SRR7613440	Feral Pig
PSU-0808	CFSAN083875	SRR7613652	Feral Pig
PSU-0809	CFSAN083876	SRR7613664	Feral Pig
PSU-0810	CFSAN083877	SRR7613668	Avian
PSU-0811	CFSAN083878	SRR7613655	Avian
PSU-0812	CFSAN083879	SRR7613731	Avian
PSU-0813	CFSAN083880	SRR7613717	Avian
PSU-0814	CFSAN083881	SRR7613721	Goose, (Avian)
PSU-0815	CFSAN083882	SRR7613724	Leopard
PSU-0816	CFSAN083883	SRR7613727	Mouse
PSU-0817	CFSAN083884	SRR7613720	Calf
PSU-0818	CFSAN083885	SRR7613725	Calf
PSU-0819	CFSAN083886	SRR7613620	Calf
PSU-0820	CFSAN083887	SRR7613651	Calf
PSU-0821	CFSAN083888	SRR7613650	Calf

PSU-0822	CFSAN083889	SRR7613657	Calf
PSU-0823	CFSAN083890	SRR7613661	Calf
PSU-0824	CFSAN083891	SRR7613665	Calf
PSU-0825	CFSAN083892	SRR7613653	Calf
PSU-0826	CFSAN083893	SRR7613663	Calf
PSU-0827	CFSAN083894	SRR7613646	Calf
PSU-0828	CFSAN083895	SRR7613640	Calf
PSU-0829	CFSAN083896	SRR7613666	Calf
PSU-0830	CFSAN083897	SRR7613584	Calf
PSU-0831	CFSAN083898	SRR7613569	Calf
PSU-0832	CFSAN083899	SRR7613609	Calf
PSU-0833	CFSAN083900	SRR7613659	Calf
PSU-0834	CFSAN083901	SRR7613667	Calf
PSU-0835	CFSAN083902	SRR7613631	Gorilla
PSU-0836	CFSAN083903	SRR7613660	Gorilla
PSU-0837	CFSAN083904	SRR7613656	Gorilla
PSU-0838	CFSAN083905	SRR7613602	Gorilla
PSU-0839	CFSAN083906	SRR7613583	Spectacled Eider
PSU-0840	CFSAN083907	SRR7613574	Spectacled Eider
PSU-0841	CFSAN083908	SRR7613566	Spectacled Eider
PSU-0842	CFSAN083909	SRR7613728	King Eider
PSU-0843	CFSAN083910	SRR7613735	King Eider
PSU-0844	CFSAN083911	SRR7613632	Spectacled Eider
PSU-0845	CFSAN083912	SRR7613635	Avian
PSU-0846	CFSAN083913	SRR7613623	Spectacled Eider
PSU-0847	CFSAN083914	SRR7613436	Spectacled Eider
PSU-0848	CFSAN083915	SRR7613734	King Eider
PSU-0849	CFSAN083916	SRR7613719	King Eider
PSU-0850	CFSAN083917	SRR7613588	Common Eider
PSU-0851	CFSAN083918	SRR7613587	Common Eider
PSU-0852	CFSAN083919	SRR7613581	Common Eider
PSU-0853	CFSAN083920	SRR7613580	Common Eider
PSU-0854	CFSAN083921	SRR7613617	Dog, (Canine)
PSU-0855	CFSAN083922	SRR7613610	Cow, (Bovine)
PSU-0856	CFSAN083923	SRR7613606	Cow, (Bovine)
PSU-0857	CFSAN083924	SRR7613578	Cow, (Bovine)
PSU-0858	CFSAN083925	SRR7613591	Marmoset
PSU-0859	CFSAN083926	SRR7613618	Marmoset
PSU-0860	CFSAN083927	SRR7613615	Panda
PSU-0861	CFSAN083928	SRR7613590	Chicken, (Avian)
PSU-0862	CFSAN083929	SRR7613582	Food, Spring mix
PSU-0863	CFSAN083930	SRR7613598	Pig, (Porcine)
PSU-0864	CFSAN083931	SRR7613658	Pig, (Porcine)
PSU-0865	CFSAN085590	SRR7786735	duck
PSU-0866	CFSAN085591	SRR7786730	duck
PSU-0867	CFSAN085592	SRR7786733	duck
PSU-0868	CFSAN085593	SRR7786739	duck
PSU-0869	CFSAN085594	SRR7786738	cat
PSU-0870	CFSAN085595	SRR7786729	cat
PSU-0871	CFSAN085596	SRR7786727	Penguin
PSU-0872	CFSAN085597	SRR7786658	Steller's Eider
PSU-0873	CFSAN085598	SRR7786660	Steller's Eider
PSU-0874	CFSAN085599	SRR7786652	Steller's Eider

PSU-0875	CFSAN085600	SRR7786736	Steller's Eider
PSU-0876	CFSAN085601	SRR7786656	Steller's Eider
PSU-0877	CFSAN085602	SRR7786651	Steller's Eider
PSU-0878	CFSAN085603	SRR7786657	Cow, (Bovine)
PSU-0879	CFSAN085604	SRR7786655	Raccoon
PSU-0880	CFSAN085605	SRR7786662	Okapi
PSU-0881	CFSAN085606	SRR7786654	Dog, (Canine)
PSU-0882	CFSAN085607	SRR7786680	Pig, (Porcine)
PSU-0883	CFSAN085608	SRR7786690	Pig, (Porcine)
PSU-0884	CFSAN085609	SRR7786711	Dog, (Canine)
PSU-0890	CFSAN085611	SRR7788262	Oyster
PSU-0891	CFSAN085612	SRR7788251	Oyster
PSU-0892	CFSAN085613	SRR7788268	Oyster
PSU-0893	CFSAN085614	SRR7788264	Oyster
PSU-0894	CFSAN085615	SRR7788474	Oyster
PSU-0895	CFSAN085616	SRR7788483	Oyster
PSU-0896	CFSAN085617	SRR7788265	Oyster
PSU-0897	CFSAN085618	SRR7788259	Oyster
PSU-0898	CFSAN085619	SRR7788223	Oyster
PSU-0899	CFSAN085620	SRR7788246	Oyster
PSU-0900	CFSAN085621	SRR7788220	Oyster
PSU-0902	CFSAN085623	SRR7788261	Oyster
PSU-0903	CFSAN085624	SRR7788263	Oyster
PSU-0904	CFSAN085625	SRR7788252	Oyster
PSU-0905	CFSAN085626	SRR7788247	Oyster
PSU-0906	CFSAN085627	SRR7788248	Oyster
PSU-0907	CFSAN085628	SRR7788250	Oyster
PSU-0908	CFSAN085629	SRR7788244	Oyster
PSU-0909	CFSAN085630	SRR7788222	Walrus
PSU-0910	CFSAN085631	SRR7788257	Mouse
PSU-0912	CFSAN078717	SRR7690633	Pig, (Porcine)
PSU-0914	CFSAN078719	SRR7690505	Cow, (Bovine)
PSU-0915	CFSAN078720	SRR7690509	Cow, (Bovine)
PSU-0916	CFSAN078721	SRR7690499	Cow, (Bovine)
PSU-0917	CFSAN078722	SRR7690507	Cow, (Bovine)
PSU-0918	CFSAN078723	SRR7690626	Cow, (Bovine)
PSU-0919	CFSAN078724	SRR7690660	Cow, (Bovine)
PSU-0920	CFSAN078725	SRR7690668	Cow, (Bovine)
PSU-0921	CFSAN078726	SRR7690664	Cow, (Bovine)
PSU-1012	CFSAN078814	SRR8423918	Chicken, (Avian)
PSU-1013	CFSAN078815	SRR8423790	Chicken, (Avian)
PSU-1014	CFSAN078816	SRR8424026	Chicken, (Avian)
PSU-1015	CFSAN078817	SRR8423925	Chicken, (Avian)
PSU-1016	CFSAN078818	SRR8424021	Chicken, (Avian)
PSU-1017	CFSAN078819	SRR8423788	Chicken, (Avian)
PSU-1018	CFSAN078820	SRR8423789	Chicken, (Avian)
PSU-1019	CFSAN078821	SRR8424022	Chicken, (Avian)
PSU-1020	CFSAN078822	SRR8424018	Chicken, (Avian)
PSU-1021	CFSAN078823	SRR8424019	Chicken, (Avian)
PSU-1038	CFSAN078840	SRR8424024	Cow, (Bovine)
PSU-1039	CFSAN078841	SRR8424020	Sheep, (Ovine)
PSU-1040	CFSAN078842	SRR8423924	Pig, (Porcine)
PSU-1041	CFSAN078843	SRR8423923	Cow, (Bovine)

PSU-1056	CFSAN078858	SRR8439560	Food, Lettuce - Leaf
PSU-1057	CFSAN078859	SRR8439552	Food, Lettuce - Romaine
PSU-1058	CFSAN078860	SRR8439561	Goose, (Avian)
PSU-1059	CFSAN078861	SRR8439530	Avian
PSU-1060	CFSAN078862	SRR8439522	Cow, (Bovine)
PSU-1061	CFSAN078863	SRR8439540	Pig, (Porcine)
PSU-1062	CFSAN078864	SRR8439562	missing
PSU-1063	CFSAN078865	SRR8439806	missing
PSU-1064	CFSAN078866	SRR8439567	missing
PSU-1065	CFSAN078867	SRR8439533	missing
PSU-1084	CFSAN078886	SRR8424025	Pig, (Porcine)
PSU-1085	CFSAN078887	SRR8439782	Pig, (Porcine)
PSU-1086	CFSAN078888	SRR8439823	Pig, (Porcine)
PSU-1087	CFSAN078889	SRR8439812	Food, Celery
PSU-1088	CFSAN078890	SRR8439785	Food, Cantaloupe
PSU-1089	CFSAN078891	SRR8439795	Food, Cantaloupe
PSU-1090	CFSAN078892	SRR8439799	Food, Tomato
PSU-1091	CFSAN078893	SRR8439783	Cow, (Bovine)
PSU-1092	CFSAN078894	SRR8439810	Cow, (Bovine)
PSU-1093	CFSAN078895	SRR8439777	Cow, (Bovine)
PSU-1094	CFSAN078896	SRR8439822	Primate
PSU-1095	CFSAN078897	SRR8439763	Primate
PSU-1096	CFSAN078898	SRR8439813	Primate
PSU-1097	CFSAN078899	SRR8439811	Food, Lettuce - Leaf
PSU-1098	CFSAN078900	SRR8439660	Food, Lettuce - Leaf
PSU-1100	CFSAN078902	SRR8439807	Food, Lettuce - Romaine
PSU-1101	CFSAN078903	SRR8439805	Food, Cantaloupe
PSU-1102	CFSAN078904	SRR8439808	Food, Lettuce - Leaf
PSU-1103	CFSAN078905	SRR8439535	Food, Lettuce - Leaf
PSU-1104	CFSAN078906	SRR8424016	Food, Lettuce - Leaf
PSU-1105	CFSAN078907	SRR8439668	Food, Lettuce - Leaf
PSU-1106	CFSAN078908	SRR8439767	Food, Lettuce - Leaf
PSU-1107	CFSAN078909	SRR8439791	Food, Lettuce - Romaine
PSU-1108	CFSAN078910	SRR8439666	Food, Lettuce - Romaine
PSU-1109	CFSAN078911	SRR8423780	Food, Celery
PSU-1110	CFSAN078912	SRR8439789	Food, Lettuce - Romaine
PSU-1111	CFSAN078913	SRR8439665	Food, Cantaloupe
PSU-1112	CFSAN078914	SRR8423781	Food, Lettuce - Leaf
PSU-1121	CFSAN078923	SRR8439781	Pig, (Porcine)
PSU-1122	CFSAN078924	SRR8439779	Cow, (Bovine)
PSU-1123	CFSAN078925	SRR8439775	Cow, (Bovine)
PSU-1124	CFSAN078926	SRR8439787	Cow, (Bovine)
PSU-1125	CFSAN078927	SRR8439802	Cow, (Bovine)
PSU-1126	CFSAN078928	SRR8439774	Cow, (Bovine)
PSU-1179	CFSAN085642	SRR7786689	Pig, (Porcine)
PSU-1181	CFSAN085643	SRR7786659	Pig, (Porcine)
PSU-1184	CFSAN085646	SRR7786605	Pig, (Porcine)
PSU-1185	CFSAN085647	SRR7786691	Pig, (Porcine)
PSU-1187	CFSAN085648	SRR7786602	Cow, (Bovine)
PSU-1194	CFSAN085654	SRR7786745	Avian
PSU-1195	CFSAN085655	SRR7786743	Avian
PSU-1196	CFSAN085656	SRR7786672	Pig, (Porcine)
PSU-1197	CFSAN085657	SRR7786734	Pig, (Porcine)

PSU-1199	CFSAN085658	SRR7786682	Food, Lettuce - Romaine
PSU-1233	CFSAN085769	SRR7871400	Cow, (Bovine)
PSU-1234	CFSAN085770	SRR7871410	Cow, (Bovine)
PSU-1235	CFSAN085771	SRR7871409	Pig, (Porcine)
PSU-1236	CFSAN085772	SRR7870877	Cow, (Bovine)
PSU-1237	CFSAN085773	SRR7870881	Cow, (Bovine)
PSU-1238	CFSAN085774	SRR7870885	Cow, (Bovine)
PSU-1239	CFSAN085775	SRR7870883	Cow, (Bovine)
PSU-1240	CFSAN085776	SRR7870882	Pig, (Porcine)
PSU-1241	CFSAN085777	SRR7870875	Cow, (Bovine)
PSU-1242	CFSAN085778	SRR7870876	Cow, (Bovine)
PSU-1243	CFSAN085779	SRR7870884	Cow, (Bovine)
PSU-1244	CFSAN085780	SRR7870880	Cow, (Bovine)
PSU-1245	CFSAN085781	SRR7870878	Cow, (Bovine)
PSU-1246	CFSAN085782	SRR7869668	Cow, (Bovine)
PSU-1247	CFSAN085783	SRR7870863	Pig, (Porcine)
PSU-1248	CFSAN085784	SRR7870869	Cow, (Bovine)
PSU-1249	CFSAN085785	SRR7870866	Cow, (Bovine)
PSU-1251	CFSAN085787	SRR7870872	Pig, (Porcine)
PSU-1252	CFSAN085788	SRR7870865	Buffalo
PSU-1253	CFSAN085789	SRR7869667	Buffalo
PSU-1255	CFSAN085791	SRR7869666	Pig, (Porcine)
PSU-1256	CFSAN085792	SRR7871388	Pig, (Porcine)
PSU-1257	CFSAN085793	SRR7871403	Pig, (Porcine)
PSU-1258	CFSAN085794	SRR7871390	Pig, (Porcine)
PSU-1259	CFSAN085795	SRR7871391	Pig, (Porcine)
PSU-1260	CFSAN085796	SRR7871487	Pig, (Porcine)
PSU-1261	CFSAN085797	SRR7871486	Pig, (Porcine)
PSU-1262	CFSAN085798	SRR7871489	Pig, (Porcine)
PSU-1263	CFSAN085799	SRR7871488	Cow, (Bovine)
PSU-1264	CFSAN085800	SRR7871397	Cow, (Bovine)
PSU-1265	CFSAN085801	SRR7871404	Pig, (Porcine)
PSU-1266	CFSAN085802	SRR7871402	Pig, (Porcine)
PSU-1267	CFSAN085803	SRR7871399	Pig, (Porcine)
PSU-1268	CFSAN085804	SRR7870879	Pig, (Porcine)
PSU-1269	CFSAN085805	SRR7889296	Waste Water
PSU-1270	CFSAN085806	SRR7889288	Waste Water
PSU-1272	CFSAN085808	SRR7889314	Waste Water
PSU-1273	CFSAN085809	SRR7889335	Waste Water
PSU-1274	CFSAN085810	SRR7889334	Waste Water
PSU-1275	CFSAN085811	SRR7889287	Waste Water
PSU-1276	CFSAN085812	SRR7889291	Waste Water
PSU-1277	CFSAN085813	SRR7889293	Waste Water
PSU-1278	CFSAN085814	SRR7889376	Waste Water
PSU-1279	CFSAN085815	SRR7889318	Waste Water
PSU-1280	CFSAN085816	SRR7889381	Waste Water
PSU-1281	CFSAN085817	SRR7889310	Waste Water
PSU-1282	CFSAN085818	SRR7889364	Waste Water
PSU-1283	CFSAN085819	SRR7889350	Waste Water
PSU-1284	CFSAN085820	SRR7889304	Waste Water
PSU-1285	CFSAN085821	SRR7889222	Waste Water
PSU-1286	CFSAN085822	SRR7889295	Waste Water
PSU-1287	CFSAN085823	SRR7889223	Waste Water

PSU-1288	CFSAN085824	SRR7889226	Waste Water
PSU-1289	CFSAN085825	SRR7889221	Waste Water
PSU-1290	CFSAN085826	SRR7889224	Waste Water
PSU-1291	CFSAN085827	SRR7889320	Waste Water
PSU-1293	CFSAN085829	SRR7889342	Waste Water
PSU-1294	CFSAN085830	SRR7889321	Waste Water
PSU-1295	CFSAN085831	SRR7889325	Waste Water
PSU-1296	CFSAN085832	SRR7889294	Waste Water
PSU-1297	CFSAN085833	SRR7889292	Waste Water
PSU-1298	CFSAN085834	SRR7889290	Waste Water
PSU-1299	CFSAN085835	SRR7889289	Waste Water
PSU-1300	CFSAN085836	SRR7889353	Waste Water
PSU-1301	CFSAN085837	SRR7904911	Waste Water
PSU-1302	CFSAN085838	SRR7904924	Waste Water
PSU-1303	CFSAN085839	SRR7904917	Waste Water
PSU-1304	CFSAN085840	SRR7904908	Waste Water
PSU-1305	CFSAN085841	SRR7904967	Waste Water
PSU-1306	CFSAN085842	SRR7904983	Waste Water
PSU-1307	CFSAN085843	SRR7904984	Waste Water
PSU-1308	CFSAN085844	SRR7904907	Waste Water
PSU-1309	CFSAN085845	SRR7904931	Waste Water
PSU-1310	CFSAN085846	SRR7904918	Waste Water
PSU-1311	CFSAN085847	SRR7904913	Waste Water
PSU-1312	CFSAN085848	SRR7904914	Waste Water
PSU-1313	CFSAN085849	SRR7904922	Waste Water
PSU-1314	CFSAN085850	SRR7904968	Waste Water
PSU-1315	CFSAN085851	SRR7904915	Waste Water
PSU-1316	CFSAN085852	SRR7904963	Waste Water
PSU-1317	CFSAN085853	SRR7904965	Waste Water
PSU-1318	CFSAN085854	SRR7906768	Waste Water
PSU-1319	CFSAN085855	SRR7906747	Waste Water
PSU-1320	CFSAN085856	SRR7905017	Waste Water
PSU-1321	CFSAN085857	SRR7906771	Waste Water
PSU-1322	CFSAN085858	SRR7905454	Waste Water
PSU-1323	CFSAN085859	SRR7905032	Waste Water
PSU-1324	CFSAN085860	SRR7904964	Waste Water
PSU-1325	CFSAN085861	SRR7904982	Waste Water
PSU-1326	CFSAN085862	SRR7904910	Waste Water
PSU-1327	CFSAN085863	SRR7904909	Waste Water
PSU-1328	CFSAN085864	SRR7904912	Waste Water
PSU-1329	CFSAN085865	SRR7904927	Waste Water
PSU-1330	CFSAN085866	SRR7904921	Waste Water
PSU-1331	CFSAN085867	SRR7904928	Waste Water
PSU-1332	CFSAN085868	SRR7904925	Waste Water
PSU-1441	CFSAN086933	SRR8112696	Chicken, (Avian)
PSU-1442	CFSAN086934	SRR8112692	Chicken, (Avian)
PSU-1443	CFSAN086935	SRR8112802	Antelope, Oryx
PSU-1444	CFSAN086936	SRR8112804	Rabbit, Dom (Lampine)
PSU-1445	CFSAN086937	SRR8112796	Rabbit, Dom (Lampine)
PSU-1446	CFSAN086938	SRR8112798	Rabbit, Dom (Lampine)
PSU-1447	CFSAN086939	SRR8112801	Rabbit, Dom (Lampine)
PSU-1448	CFSAN086940	SRR8112687	Chicken, (Avian)
PSU-1449	CFSAN086941	SRR8112690	Chicken, (Avian)

PSU-1450	CFSAN086942	SRR8112693	Chicken, (Avian)
PSU-1451	CFSAN086943	SRR8112799	Horse, (Equine)
PSU-1452	CFSAN086944	SRR8112805	Horse, (Equine)
PSU-1453	CFSAN086945	SRR8112697	Horse, (Equine)
PSU-1454	CFSAN086946	SRR8112691	Horse, (Equine)
PSU-1455	CFSAN086947	SRR8112694	Llama
PSU-1456	CFSAN086948	SRR8112698	Caribou
PSU-1457	CFSAN086949	SRR8112689	Caribou
PSU-1458	CFSAN086950	SRR8112699	Horse, (Equine)
PSU-1459	CFSAN086951	SRR8112792	Turkey, (Avian)
PSU-1460	CFSAN086952	SRR8112924	Turkey, (Avian)
PSU-1461	CFSAN086953	SRR8112927	Turkey, (Avian)
PSU-1462	CFSAN086954	SRR8112822	Turkey, (Avian)
PSU-1463	CFSAN086955	SRR8112815	Turkey, (Avian)
PSU-1464	CFSAN086956	SRR8112810	Turkey, (Avian)
PSU-1465	CFSAN086957	SRR8112817	Turkey, (Avian)
PSU-1466	CFSAN086958	SRR8112921	Turkey, (Avian)
PSU-1467	CFSAN086959	SRR8112916	Turkey, (Avian)
PSU-1468	CFSAN086960	SRR8112929	Turkey, (Avian)
PSU-1469	CFSAN086961	SRR8112814	Pig, (Porcine)
PSU-1470	CFSAN086962	SRR8112820	Turkey, (Avian)
PSU-1471	CFSAN086963	SRR8112812	Cow, (Bovine)
PSU-1472	CFSAN086964	SRR8112809	Dog, (Canine)
PSU-1473	CFSAN086965	SRR8112926	Dog, (Canine)
PSU-1474	CFSAN086966	SRR8112825	Dog, (Canine)
PSU-1475	CFSAN086967	SRR8112816	Dog, (Canine)
PSU-1476	CFSAN086968	SRR8112819	Dog, (Canine)
PSU-1477	CFSAN086969	SRR8112807	Chicken, (Avian)
PSU-1478	CFSAN086970	SRR8112821	Cat, (Feline)
PSU-1479	CFSAN086971	SRR8112823	Chicken, (Avian)
PSU-1480	CFSAN086972	SRR8112818	Chicken, (Avian)
PSU-1481	CFSAN086973	SRR8112813	Chicken, (Avian)
PSU-1482	CFSAN086974	SRR8112811	Chicken, (Avian)
PSU-1483	CFSAN086975	SRR8112931	Chicken, (Avian)
PSU-1484	CFSAN086976	SRR8112836	Chicken, (Avian)
PSU-1485	CFSAN086977	SRR8112923	Chicken, (Avian)
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PSU-1491	CFSAN086983	SRR8112918	Cow, (Bovine)
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PSU-1495	CFSAN086987	SRR8112838	Sheep, (Ovine)
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PSU-1497	CFSAN086989	SRR8112828	Pig, (Porcine)
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PSU-1499	CFSAN086991	SRR8112835	Goat, (Caprine)
PSU-1500	CFSAN086992	SRR8112930	Goat, (Caprine)
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PSU-1502	CFSAN086994	SRR8112830	Ostrich

PSU-1503	CFSAN086995	SRR8112922	Pig, (Porcine)
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PSU-1507	CFSAN086999	SRR8112917	Cow, (Bovine)
PSU-1508	CFSAN087000	SRR8112928	Cow, (Bovine)
PSU-1509	CFSAN087001	SRR8112808	Cow, (Bovine)
PSU-1510	CFSAN087002	SRR8140259	Rhesus Macaque
PSU-1511	CFSAN087003	SRR8140254	Pig, (Porcine)
PSU-1512	CFSAN087004	SRR8140260	Pig, (Porcine)
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PSU-1515	CFSAN087007	SRR8140264	Food, Lettuce - Leaf
PSU-1516	CFSAN087008	SRR8140248	Food, Lettuce - Leaf
PSU-1517	CFSAN087009	SRR8140244	Okapi
PSU-1518	CFSAN087010	SRR8140266	Turkey, (Avian)
PSU-1519	CFSAN087011	SRR8140258	Cow, (Bovine)
PSU-1520	CFSAN087012	SRR8140257	water
PSU-1521	CFSAN087013	SRR8140206	Food, Lettuce - Romaine
PSU-1522	CFSAN087014	SRR8140229	Food, Tomato
PSU-1523	CFSAN087015	SRR8140193	Food, Lettuce - Leaf
PSU-1524	CFSAN087016	SRR8140204	Environment
PSU-1525	CFSAN087017	SRR8140215	Food, Spinach
PSU-1526	CFSAN087018	SRR8140203	Food, Spinach
PSU-1527	CFSAN087019	SRR8140194	Food, Spinach
PSU-1528	CFSAN087020	SRR8140249	Food, Spinach
PSU-1529	CFSAN087021	SRR8140207	Food, Sprouts
PSU-1530	CFSAN087022	SRR8140210	Food, Spinach
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PSU-1535	CFSAN087027	SRR8140241	Food, Cilantro
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PSU-1537	CFSAN087029	SRR8140228	Food, Cilantro
PSU-1541	CFSAN087033	SRR8140209	Dairy processing environment - Floor
PSU-1542	CFSAN087034	SRR8140251	Dairy processing environment - Floor
PSU-1543	CFSAN087035	SRR8140237	Dairy processing environment - Squeegee
PSU-1544	CFSAN087036	SRR8140236	Dairy processing environment - Floor
PSU-1545	CFSAN087037	SRR8140245	Dairy processing environment - Floor
PSU-1546	CFSAN087038	SRR8140227	Dairy processing environment - Squeegee
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PSU-1549	CFSAN087041	SRR8140226	milk
PSU-1550	CFSAN087042	SRR8140212	milk
PSU-1551	CFSAN087043	SRR8140222	Dairy processing environment - Floor

PSU-1552	CFSAN087044	SRR8140213	Dairy processing environment - Floor
PSU-1553	CFSAN087045	SRR8140243	Dairy processing environment - Squeegee
PSU-1554	CFSAN087046	SRR8140211	Dairy processing environment - Plant boot
PSU-1555	CFSAN087047	SRR8140242	Dairy processing environment - Squeegee
PSU-1556	CFSAN087048	SRR8140235	Dairy processing environment - Plant boot
PSU-1557	CFSAN087049	SRR8140208	Dairy processing environment - Crate
PSU-1558	CFSAN087050	SRR8140240	cheese
PSU-1560	CFSAN087052	SRR8140230	milk
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PSU-1562	CFSAN087054	SRR8140223	Dairy processing environment - Plant boot
PSU-1563	CFSAN087055	SRR8140262	Dairy processing environment - Floor
PSU-1564	CFSAN087056	SRR8140256	Dairy processing environment - Floor
PSU-1565	CFSAN087057	SRR8140250	Dairy processing environment - Squeegee
PSU-1566	CFSAN087058	SRR8140252	Dairy processing environment - Cheese press
PSU-1567	CFSAN087059	SRR8140263	cheese
PSU-1568	CFSAN087060	SRR8140253	milk
PSU-1569	CFSAN087061	SRR8140265	milk
PSU-1570	CFSAN087062	SRR8140247	Dairy processing environment - Cheese press
PSU-1701	CFSAN088346	SRR8397484	Avian
PSU-1702	CFSAN088347	SRR8397587	cow
PSU-1703	CFSAN088348	SRR8397480	Rat
PSU-1704	CFSAN088349	SRR8397610	Rat
PSU-1705	CFSAN088350	SRR8397584	Primate
PSU-1706	CFSAN088351	SRR8397547	Primate
PSU-1707	CFSAN088352	SRR8397582	cow
PSU-1708	CFSAN088353	SRR8397635	Rat
PSU-1709	CFSAN088354	SRR8397590	Mouse
PSU-1710	CFSAN088355	SRR8397612	Primate
PSU-1711	CFSAN088356	SRR8397618	pig
PSU-1712	CFSAN088357	SRR8397432	cow
PSU-1713	CFSAN088358	SRR8397624	Rat
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PSU-1741	CFSAN088386	SRR8297586	Poultry
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PSU-1743	CFSAN088388	SRR8297581	Marmoset
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PSU-1748	CFSAN088393	SRR8297591	cow
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PSU-1752	CFSAN088397	SRR8297585	cow
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PSU-1758	CFSAN088403	SRR8297609	Mink
PSU-1759	CFSAN088404	SRR8297583	Deer, Whitetail
PSU-1760	CFSAN088405	SRR8297605	Deer, Whitetail
PSU-1761	CFSAN088406	SRR8397692	cow
PSU-1762	CFSAN088407	SRR8397517	goose
PSU-1763	CFSAN088408	SRR8397548	cow
PSU-1764	CFSAN088409	SRR8397533	Guinea Pig
PSU-1765	CFSAN088410	SRR8397523	Rat
PSU-1766	CFSAN088411	SRR8397539	Marmoset
PSU-1767	CFSAN088412	SRR8397521	Marmoset
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PSU-1771	CFSAN088416	SRR8297631	Marmoset
PSU-1772	CFSAN088417	SRR8297601	Guinea Pig
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PSU-1775	CFSAN088420	SRR8297621	Hedgehog
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PSU-1778	CFSAN088423	SRR8297623	Hedgehog
PSU-1779	CFSAN088424	SRR8297630	Hedgehog
PSU-1780	CFSAN088425	SRR8297629	Hedgehog
PSU-1781	CFSAN088426	SRR8397441	Guinea Pig
PSU-1782	CFSAN088427	SRR8397696	Environment
PSU-1783	CFSAN088428	SRR8397529	cow
PSU-1784	CFSAN088429	SRR8397446	Capercaillie (Grouse)
PSU-1786	CFSAN088431	SRR8397554	chicken
PSU-1787	CFSAN088432	SRR8397427	Avian
PSU-1789	CFSAN088434	SRR8397608	cow
PSU-1790	CFSAN088435	SRR8397689	soil
PSU-1791	CFSAN088436	SRR8397609	soil
PSU-1792	CFSAN088437	SRR8397481	pig
PSU-1793	CFSAN088438	SRR8397470	water
PSU-1794	CFSAN088439	SRR8397538	water
PSU-1795	CFSAN088440	SRR8397633	Food, Lettuce - Iceberg
PSU-1796	CFSAN088441	SRR8397630	Food, Ice Cream
PSU-1797	CFSAN088442	SRR8397695	Guinea Pig
PSU-1798	CFSAN088443	SRR8397488	cow
PSU-1799	CFSAN088444	SRR8397700	Ferret

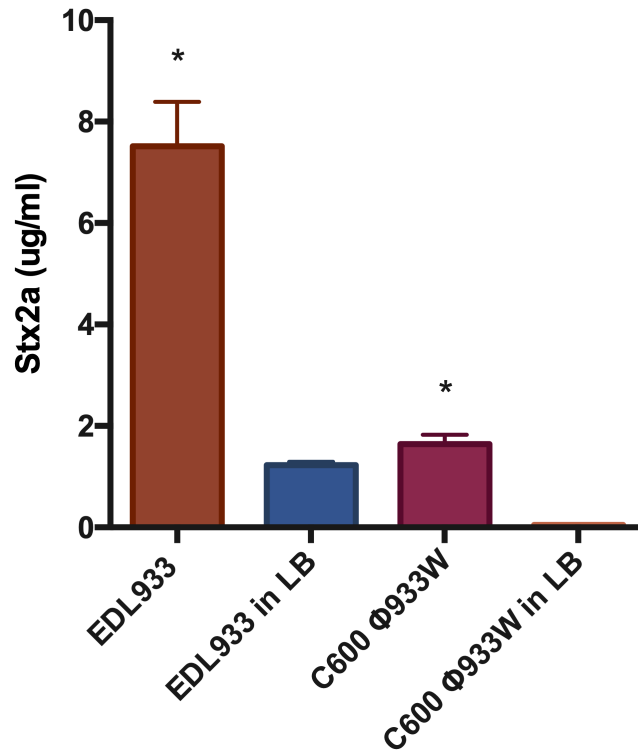


Fig. S1: EDL933 and C600 carrying φ933W were grown in 0.1229 cell-free supernatant, or in LB as indicated. One-way ANOVA was used and levels marked with an asterisk were significantly higher than respective LB control (Dunnett's test, $p < 0.05$).

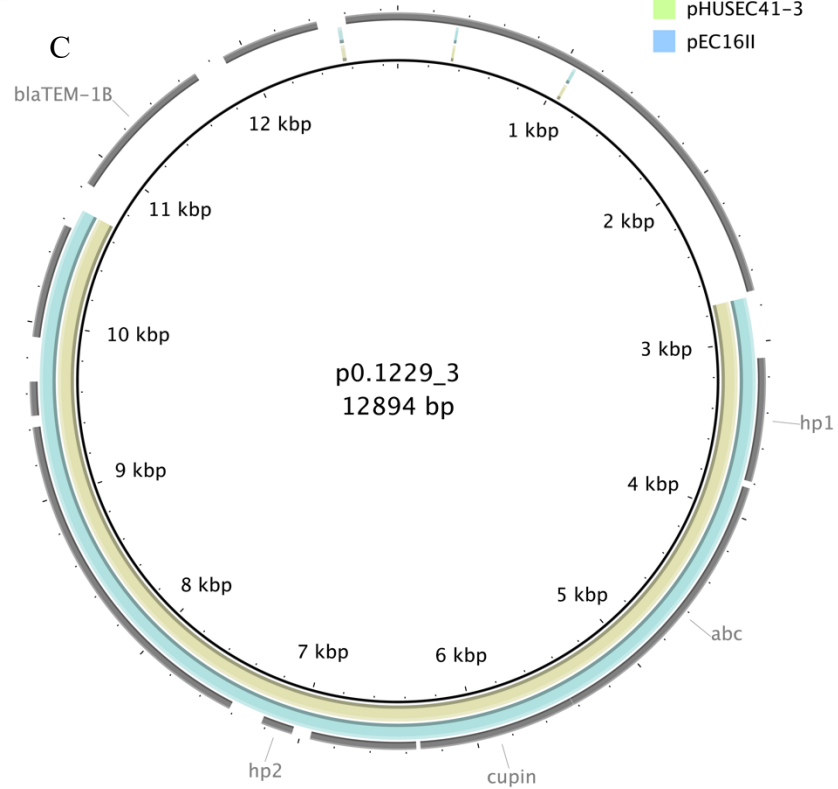
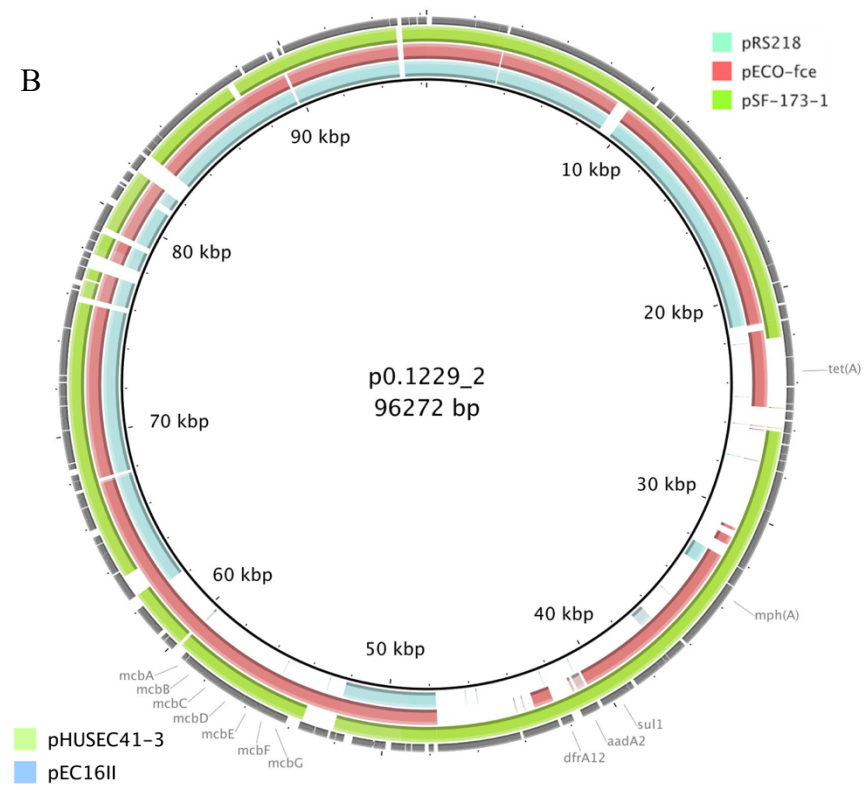
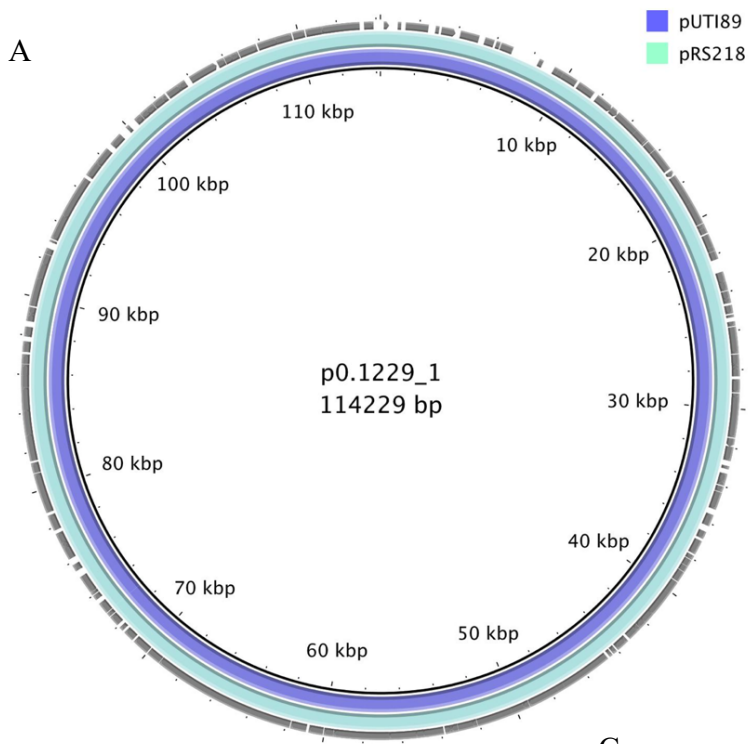
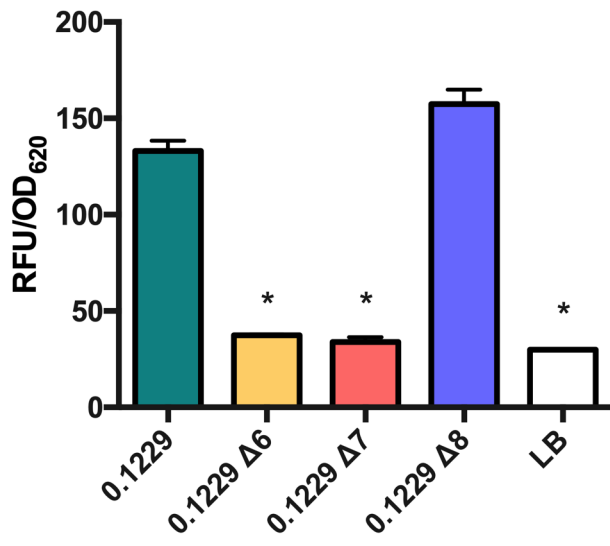


Fig. S2: Plasmid comparisons of individual 0.1229 plasmids and publicly available plasmids from NCBI by BLAST and visualized with BRIG. The colored rings indicate sequence similarity and the outer grey ring denotes annotated ORFs. The MccB17 operon is labeled *mcbA-mcbG*, and five antimicrobial resistance genes, macrolide (*mph(A)*), tetracycline (*tet(A)*), sulphonamide (*sul1*), aminoglycoside (*aadA2*), and trimethoprim (*dfrA12*) were identified (B). Ampicillin resistance gene (*blaTEM-1B*) and four ORFs, *hp1*, *abc*, *cupin* and *hp2* are also labeled (C). NCBI accession numbers are pUTI89 (CP000244), pRS218 (CP007150), pECO-fce (CP015160), pSF-173-1 (CP012632), pHUSEC41-3 (NC_018997), and pEC16II (KU932034).

A



B

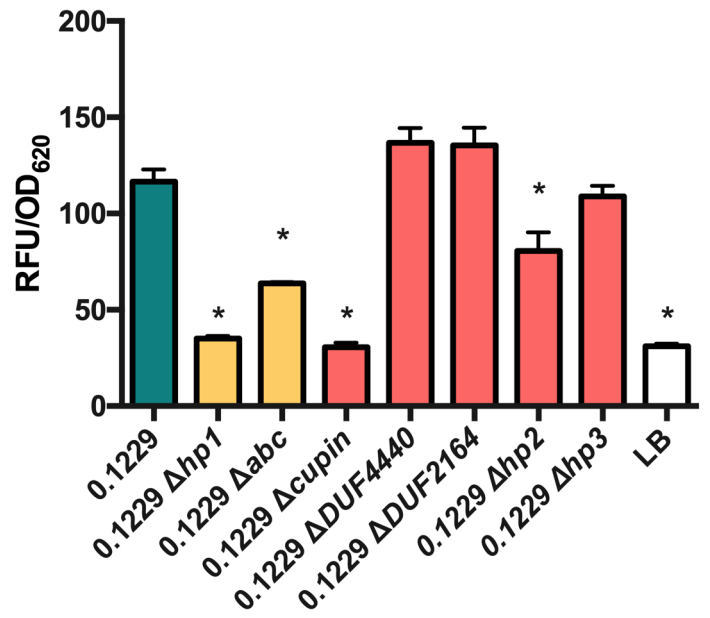


Fig. S3: W3110Δ*tolC* *PrecA-gfp* was grown with 0.1229 and 0.1229 regional (A) or individual ORF (B) knockouts, or alone indicated by LB. One-way ANOVA was used and levels marked with an asterisk were significantly lower than 0.1229 (Dunnett's test, $p < 0.05$).

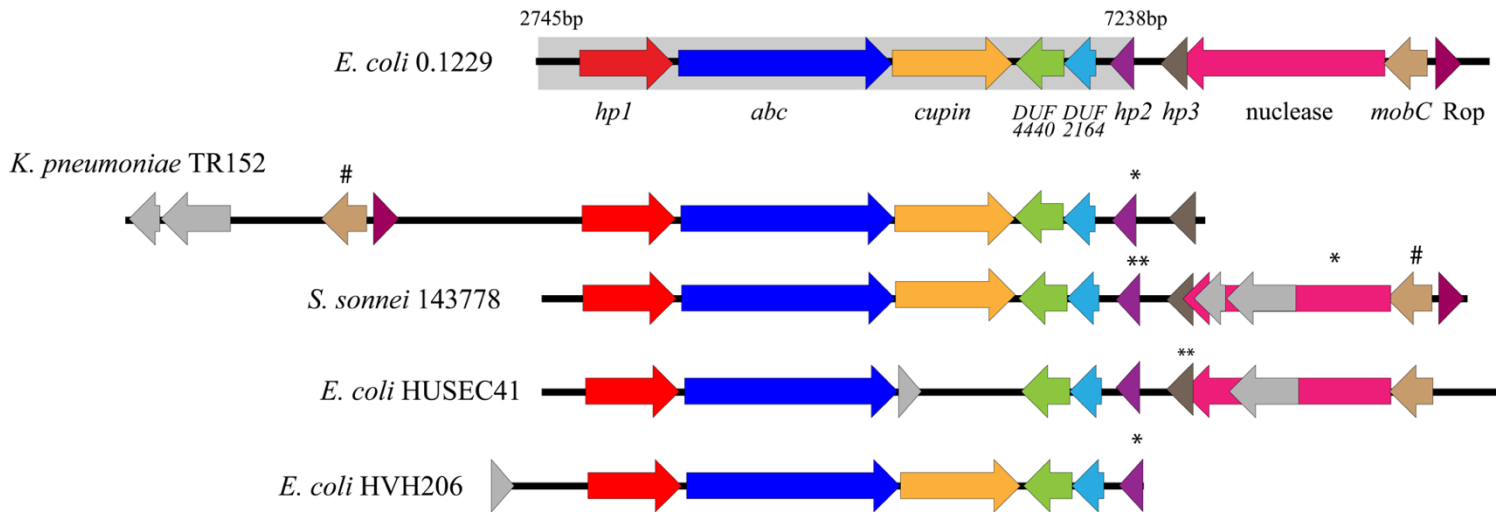


Fig. S4: Portion of p0.1229_3 is compared to *K. pneumoniae* TR152 (SAMEA3729690), *S. sonnei* 143778 (SAMEA2057991), *E. coli* HUSEC41 (PRJEA73977), *E. coli* HVH206 (SAMN01885845). * indicates one amino acid (aa) difference in that ORF. # indicates seven aa differences in that ORF. The grey shaded region is >99.6% nucleotide identical between all strains.



Fig. S5: Hp1 protein was compared to genomes on Integrated Microbial Genomes & Microbiomes of DOE's Joint Genome Institute. Using BLASTp, isolates were compared, sorted by BIT score, and then one strain from the top ten species were selected. % identity ranged from 32 to 68%. Hp1 homologs are colored in red. 8/10 have ABC transporters adjacent to Hp1,

colored in light blue or maroon. 9/10 have an annotated region similar to Cupin, colored in pale yellow, typically adjacent to the ABC transporter. DUF2164 is found in five strains, one in the reverse direction than Hp1. The *Burkholderia cepacia* strain encodes L-arabinose system upstream of Hp1. The bracket indicates groupings of Hp1, ABC and Cupin.

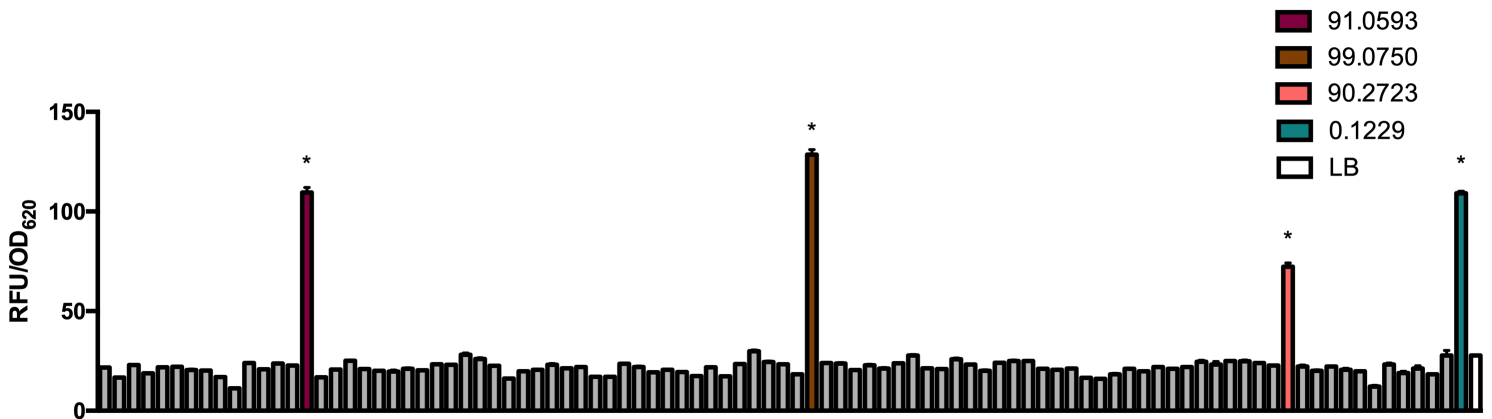


Fig. S6: W3110 Δ *tolC* *PrecA-gfp* was grown with 0.1229 or 101 human fecal isolates from the *E. coli* Reference Center at Penn State. As a control, W3110 *PrecA-GFP* was grown by itself indicated by LB. One-way ANOVA was used and levels marked with an asterisk were significantly higher than LB (Dunnett's test, $p < 0.05$).