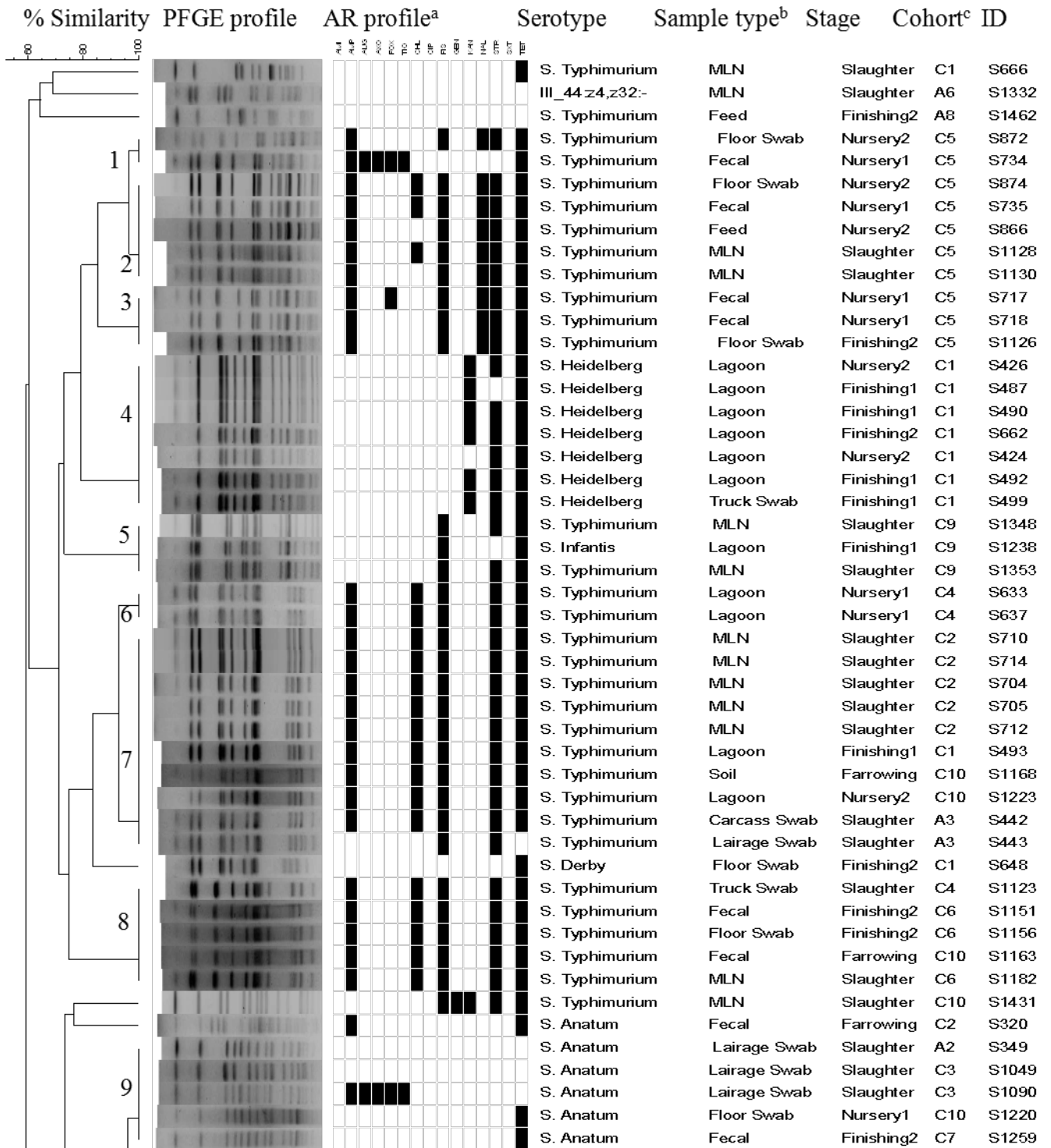


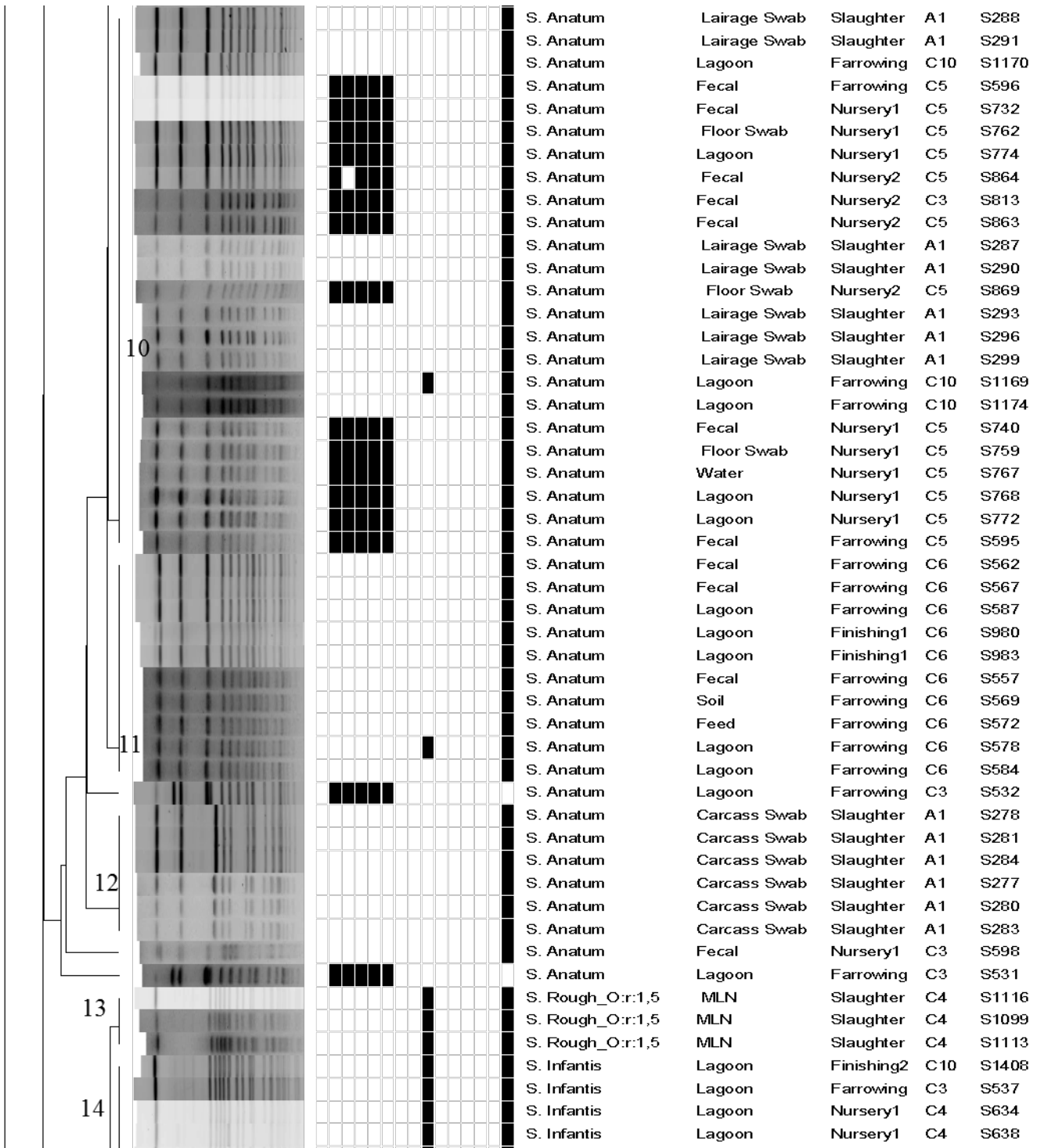
1 Supplement Figure 1. Dendrogram showing genotypic similarity among *Salmonella*  
 2 isolated from conventional and ABF systems at various stages of production

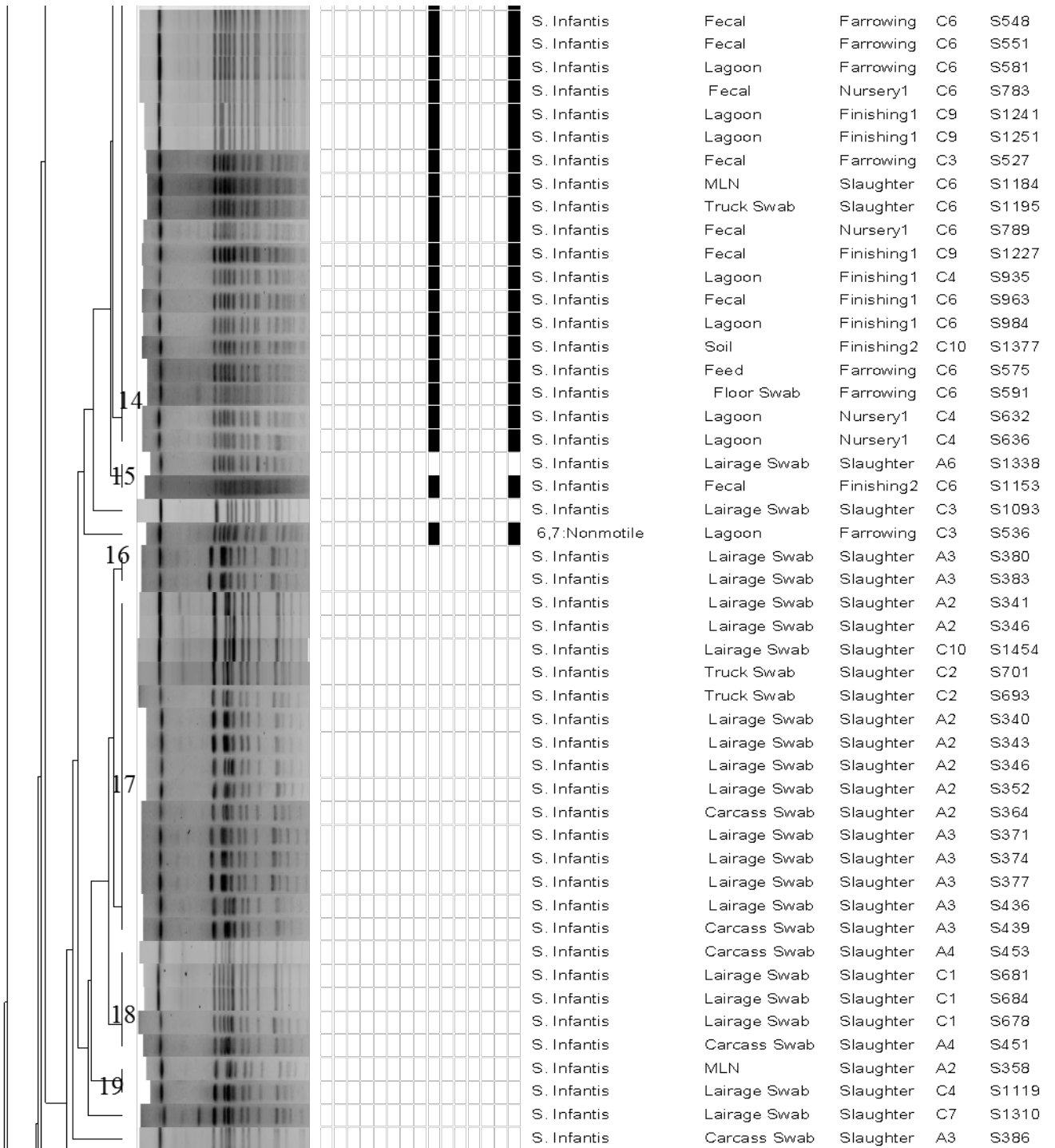


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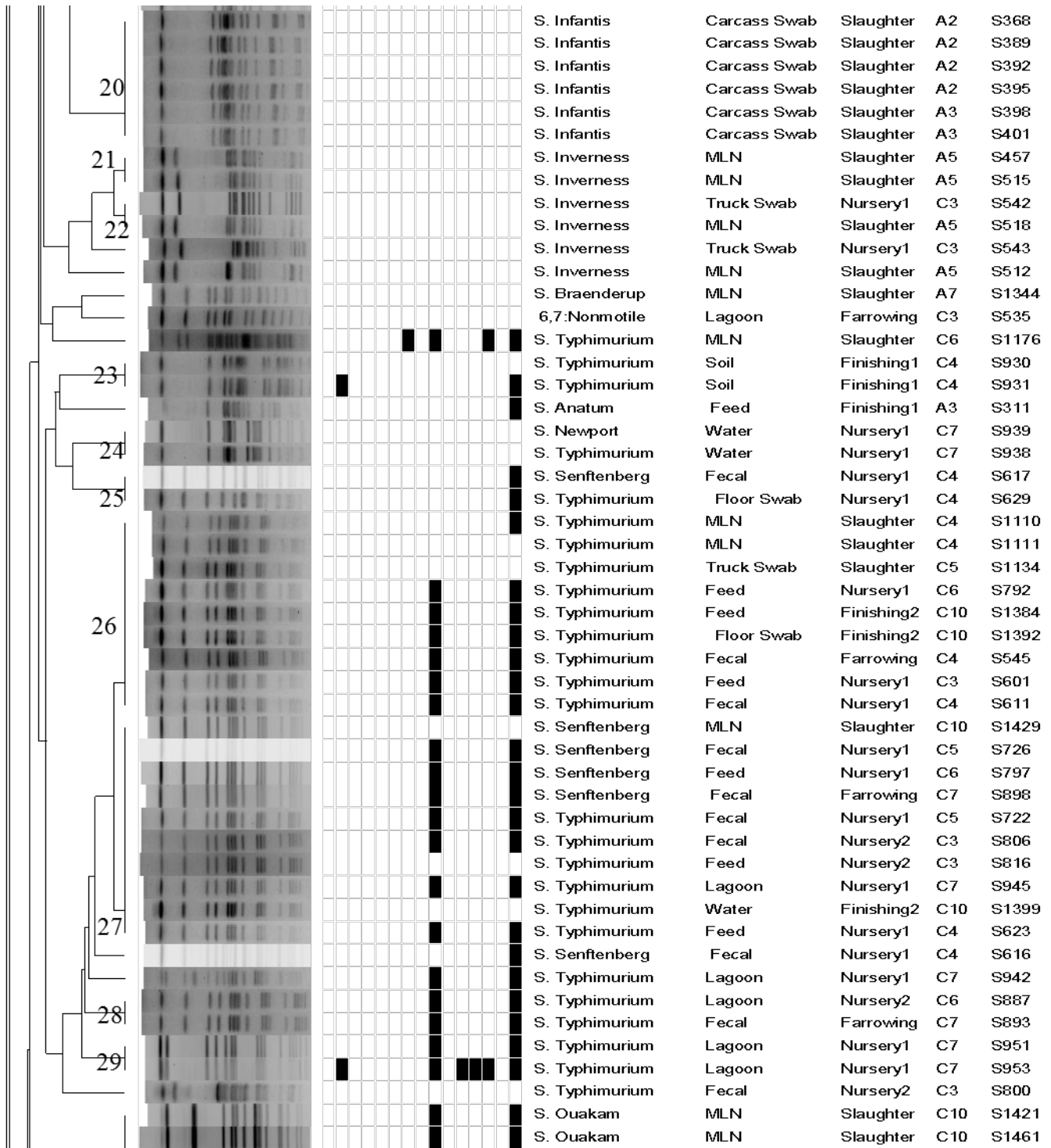
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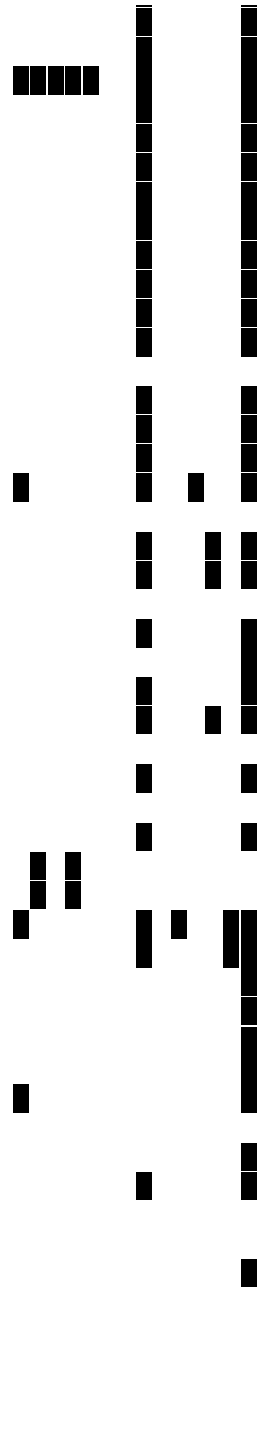
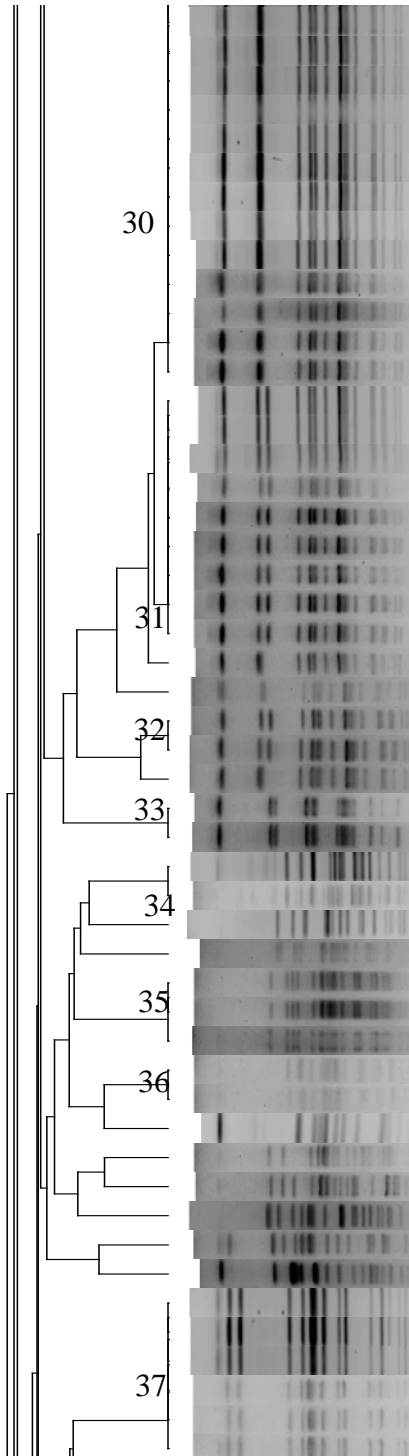
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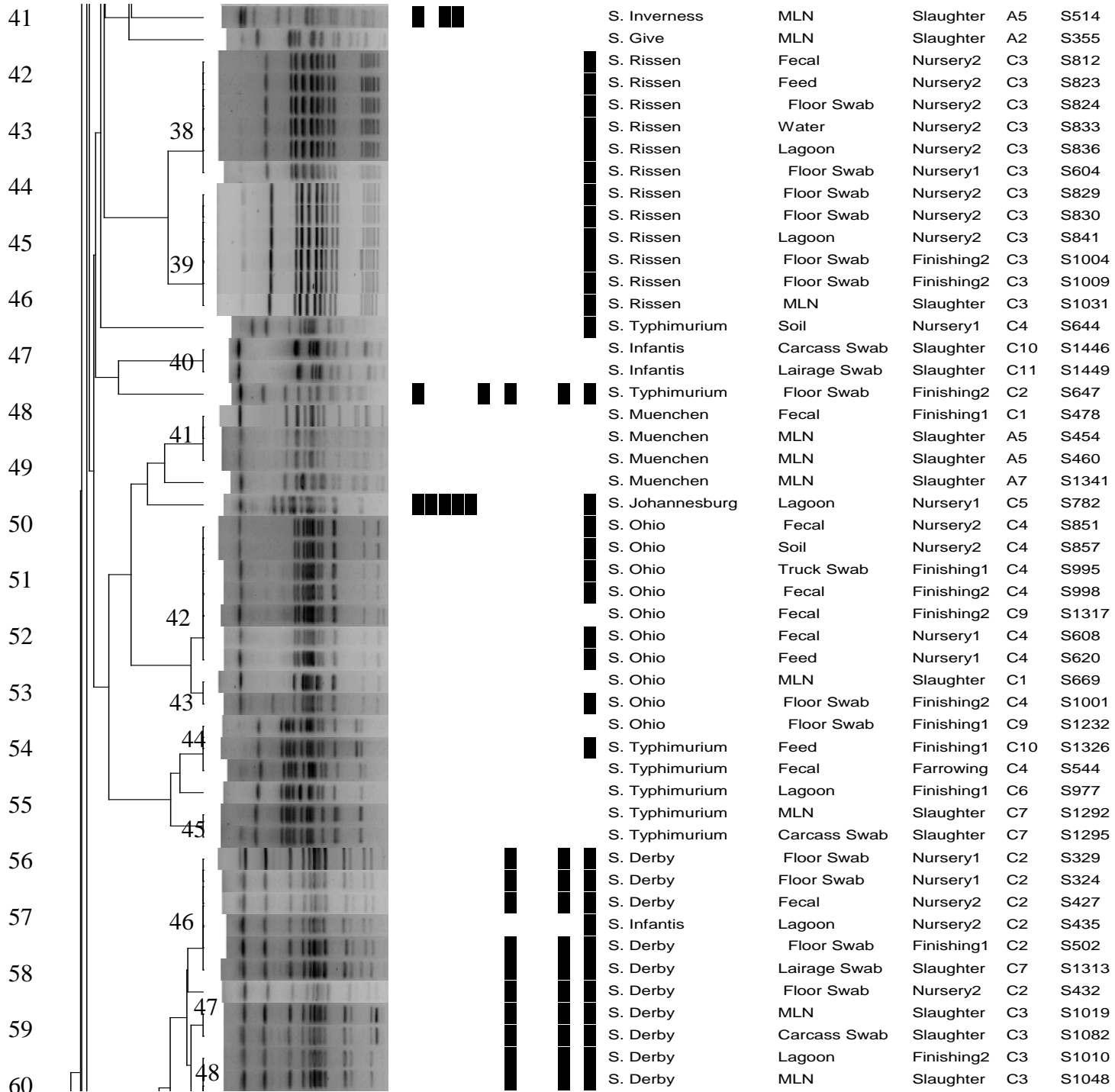
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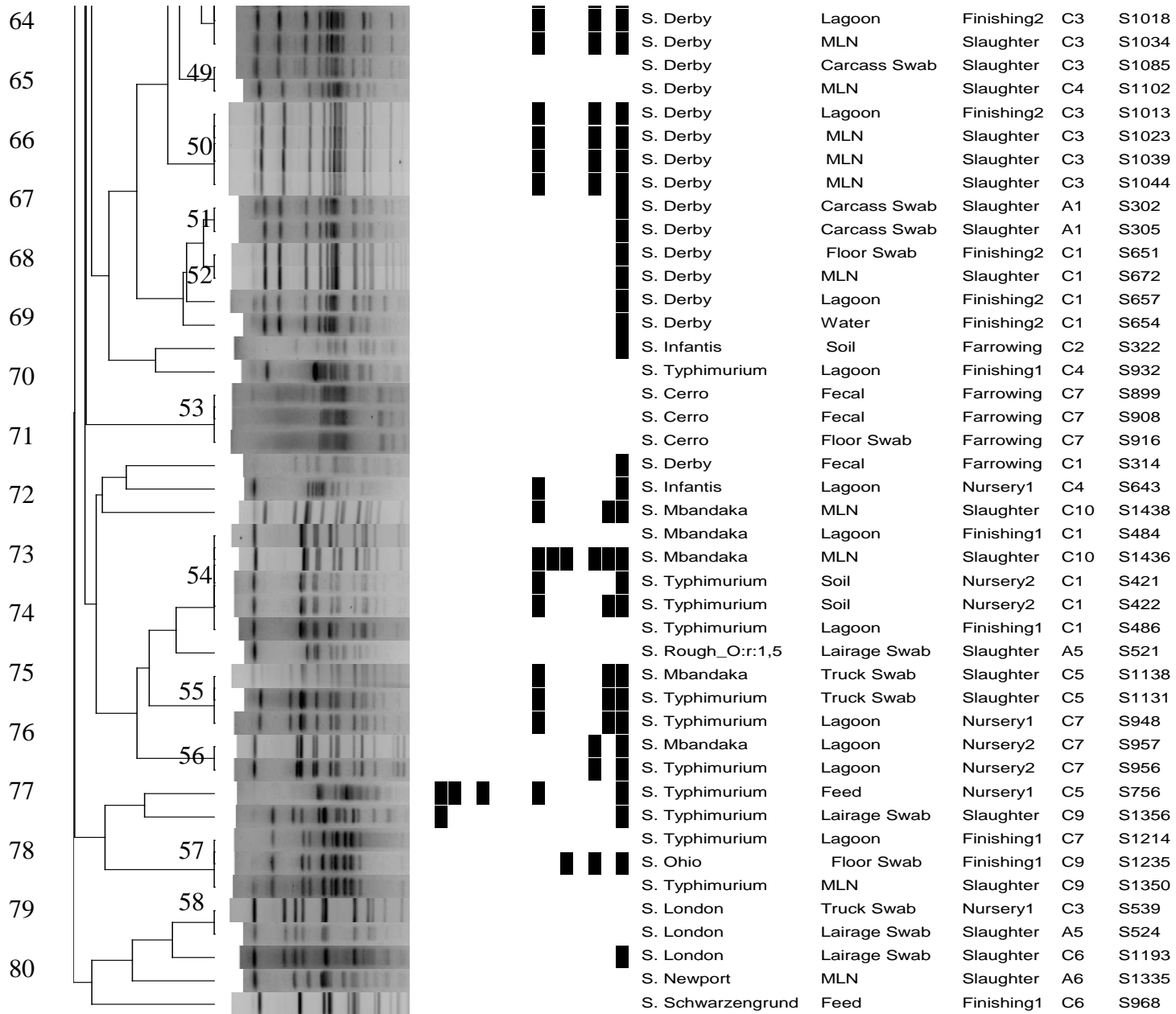
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S. Ouakam	Feed	Nursery1	C5	S749
S. Ouakam	Lagoon	Nursery1	C5	S769
S. Ouakam	Lagoon	Nursery1	C5	S770
S. Ouakam	Lagoon	Nursery1	C5	S779
S. Ouakam	Lagoon	Nursery1	C5	S781
S. Ouakam	Lagoon	Nursery2	C5	S883
S. Ouakam	Lagoon	Nursery2	C5	S885
S. Ouakam	Fecal	Nursery1	C6	S786
S. Ouakam	Lagoon	Nursery1	C7	S943
S. Ouakam	Lagoon	Nursery1	C5	S780
S. Ouakam	Lagoon	Finishing1	C7	S1211
S. Ouakam	MLN	Slaughter	C10	S1411
S. Ouakam	MLN	Slaughter	C10	S1425
S. Ouakam	Floor Swab	Finishing2	C10	S1396
S. Ouakam	Lagoon	Finishing2	C10	S1405
S. Ouakam	Feed	Nursery1	C5	S745
S. Ouakam	Feed	Nursery1	C5	S746
S. Ouakam	Fecal	Finishing2	C10	S1368
S. Ouakam	Fecal	Finishing2	C10	S1371
S. Ouakam	Fecal	Finishing2	C10	S1395
S. Ouakam	Floor Swab	Finishing2	C10	S1397
S. Ouakam	Lagoon	Finishing2	C10	S1400
S. Schwarzengrund	Feed	Finishing1	C6	S967
S. Ouakam	Lagoon	Nursery2	C5	S878
S. Ouakam	Fecal	Farrowing	C7	S891
S. Ouakam	Fecal	Farrowing	C7	S911
S. Ouakam	Floor Swab	Farrowing	C7	S914
S. Ohio	Feed	Finishing1	C9	S1228
S. Typhimurium	Water	Finishing2	C9	S1323
S. Typhimurium var C	Feed	Finishing2	A1	S270
S. Typhimurium	Feed	Finishing2	A1	S271
S. Heidelberg	Lagoon	Nursery1	C3	S607
S. Typhimurium	Lagoon	Finishing1	C1	S481
S. Anatum	Feed	Finishing1	C7	S1199
S. Anatum	Floor Swab	Finishing1	C7	S1202
S. Johannesburg	Carcass Swab	Slaughter	C7	S1298
S. Heidelberg	Feed	Nursery2	C2	S429
S. Derby	Feed	Nursery2	C2	S430
S. Infantis	Carcass Swab	Slaughter	C10	S1448
S. Anatum	Fecal	Farrowing	C2	S319
S. Ouakam	Floor Swab	Finishing1	C6	S970
S. Typhimurium	Feed	Nursery2	C4	S860
S. Muenchen	MLN	Slaughter	A2	S361
S. Typhimurium	Truck Swab	Finishing1	C1	S496
S. Give	Fecal	Nursery1	A5	S258
S. Give	Water	Nursery1	A5	S263
S. Give	Water	Nursery1	A5	S266
S. Give	Fecal	Nursery1	A5	S257
S. Give	Water	Nursery1	A5	S262
S. Give	Water	Nursery1	A5	S265





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89 <sup>a</sup>AMI: Amikacin, AMP: Ampicillin, AUG: Amoxicillin/Clavulanic Acid, AXO:

90 Ceftriaxone, CHL: Chloramphenicol, CIP: Ciprofloxacin, FIS: Sulfisoxazole, FOX:

91 Cefoxitin, GEN: Gentamicin, KAN: Kanamycin, NAL: Nalidixic acid, STR:

92 Streptomycin, SXT: Trimethoprim/sulfamethaxazole, TET: Tetracycline, TIO: Ceftiofur.

93 <sup>b</sup>MLN: Mesenteric lymphnode

94 <sup>c</sup>A1-A8: ABF cohorts from 1 to 8

95 C1-C10: Conventional cohorts

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