Materials List for:

Measuring the Effects of Bacteria on *C. Elegans* Behavior Using an Egg Retention Assay

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Materials

Name	Company	Catalog Number	Comments
Agar, ultrapure	Affymetrix	10906	
Bacto Peptone	Becton Dickinson	211677	
Bacto Tryptone	Becton Dickinson	211705	
Brain Heart Infusion dehydrated medium	Carolina Biological Supply	781781	
C. elegans, N2 strain	Caenorhabditis Genetics Center		http://www.cbs.umn.edu/cgc
Cholesterol	Alfa Aesar	A11470	
Culture plates for C. elegans	Tritech Research Inc.	T3308	
Culture plates for E. faecalis	Fisher Scientific-Fisherbrand	875713	
E. coli (OP50)	Caenorhabditis Genetics Center		http://www.cbs.umn.edu/cgc
E. faecalis strains			provided by J. Middleton. All isolates were confirmed as enterococci

by observing growth on enterococcosel agar (BBL) and in 6% NaCl broth;

all strains grew at 44.5 °C and were catalase negative and hydrolyzed esculin. A simplified dichotomous key based on pigmentation and fermentation reactions for six sugars (arabinose, mannitol, methyl-α-D-glucopyranoside (MGP), ribose, sorbose and sorbitol) allowed presumptive identification of all *E. faecalis* strains (Efs lacks pigmentation and is arabinose, MGP and sorbose negative and sorbitol, mannitol and ribose positive). All presumptive Efs strains were confirmed using the API 20 STREP system (Biomerieux).

Microscope	Motic		any microscope with transmitted illumination and 50X magnification should be sufficient
Streptomycin sulfate	Fisher BioReagents	BP910-50	
Tryptic Soy Agar (Soybean-Casein Digest Agar Medium), Difco	Becton Dickinson	236950	
Trypticase Soy Broth (Soybean-Casein Digest Medium), BBL	Becton Dickinson	211768	
Yeast extract	Acros	61180-1000	