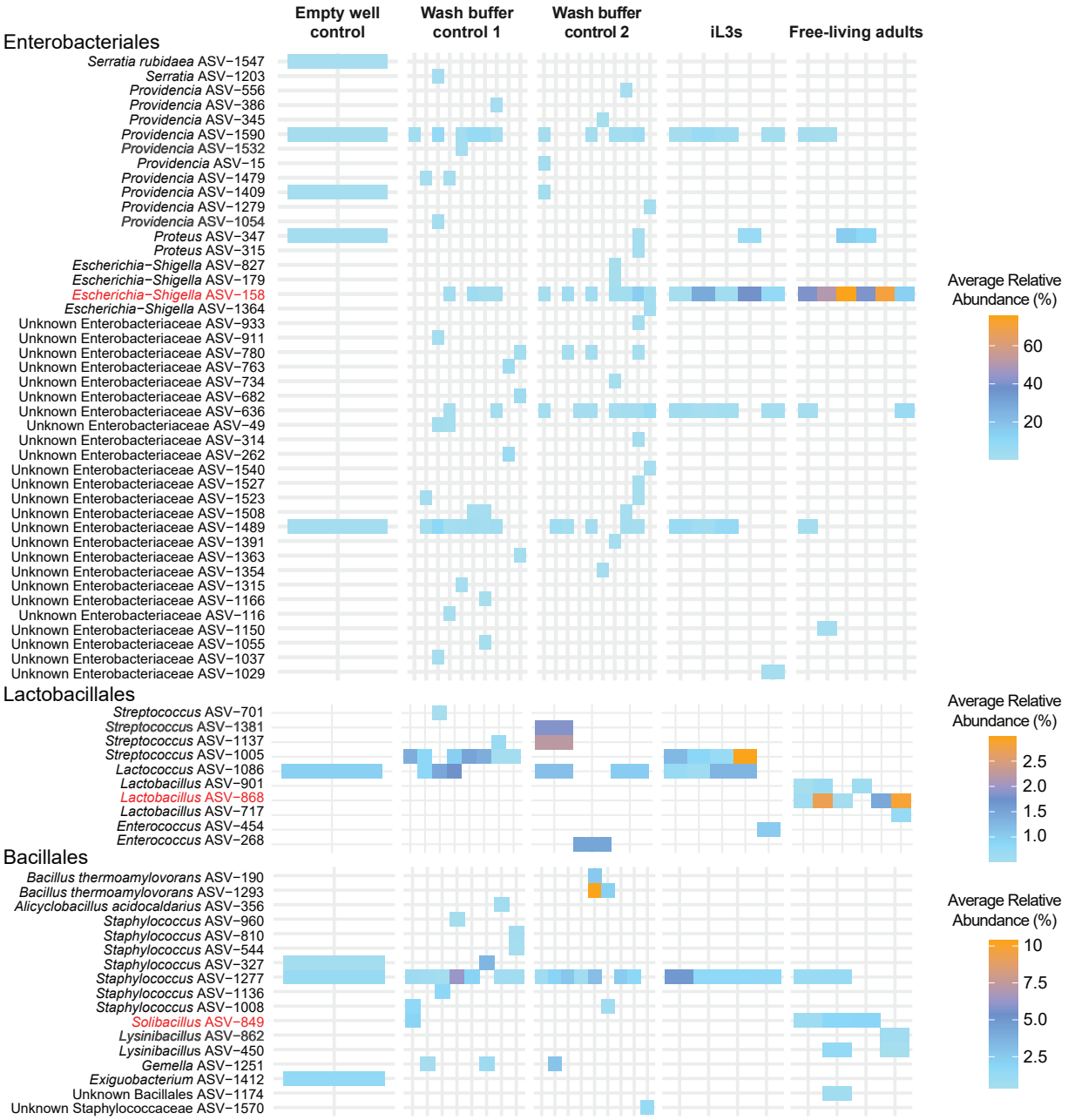Additional file 3: Fig. S3