

The figure displays five vertically stacked plots, each representing a different condition or gene set. The x-axis for all plots is labeled 'Genes' at the bottom. The y-axis represents expression levels, with a dashed horizontal line indicating a baseline or average expression level.

- RcaT-Eco1:** Shows a relatively flat expression profile with minor fluctuations. A single data point is labeled 'T5_GG_058'.
- RcaT-Eco9:** Shows a more varied expression profile. Several data points are labeled, including 'T5_GG_035', 'T5_GG_032', 'T5_GG_058', 'T5_GG_085', 'T5_GG_114', 'T5_GG_100', 'T5_Gibson_088', 'T5_GG_002', 'T5_GG_007', 'T5_GG_008', 'T5_GG_023', 'T5_GG_038', 'T5_GG_080', 'T5_GG_096', 'T5_GG_099', 'T5_GG_026', 'T5_GG_014', 'T5_GG_047', 'T5_GG_067', 'T5_GG_096', 'T5_GG_100', 'T5_GG_014', 'T5_GG_017', 'T5_GG_018', 'T5_GG_019', 'T5_GG_020', 'T5_GG_021', 'T5_GG_022', 'T5_GG_023', 'T5_GG_024', 'T5_GG_025', 'T5_GG_026', 'T5_GG_027', 'T5_GG_028', 'T5_GG_029', 'T5_GG_030', 'T5_GG_031', 'T5_GG_032', 'T5_GG_033', 'T5_GG_034', 'T5_GG_035', 'T5_GG_036', 'T5_GG_037', 'T5_GG_038', 'T5_GG_039', 'T5_GG_040', 'T5_GG_041', 'T5_GG_042', 'T5_GG_043', 'T5_GG_044', 'T5_GG_045', 'T5_GG_046', 'T5_GG_047', 'T5_GG_048', 'T5_GG_049', 'T5_GG_050', 'T5_GG_051', 'T5_GG_052', 'T5_GG_053', 'T5_GG_054', 'T5_GG_055', 'T5_GG_056', 'T5_GG_057', 'T5_GG_058', 'T5_GG_059', 'T5_GG_060', 'T5_GG_061', 'T5_GG_062', 'T5_GG_063', 'T5_GG_064', 'T5_GG_065', 'T5_GG_066', 'T5_GG_067', 'T5_GG_068', 'T5_GG_069', 'T5_GG_070', 'T5_GG_071', 'T5_GG_072', 'T5_GG_073', 'T5_GG_074', 'T5_GG_075', 'T5_GG_076', 'T5_GG_077', 'T5_GG_078', 'T5_GG_079', 'T5_GG_080', 'T5_GG_081', 'T5_GG_082', 'T5_GG_083', 'T5_GG_084', 'T5_GG_085', 'T5_GG_086', 'T5_GG_087', 'T5_GG_088', 'T5_GG_089', 'T5_GG_090', 'T5_GG_091', 'T5_GG_092', 'T5_GG_093', 'T5_GG_094', 'T5_GG_095', 'T5_GG_096', 'T5_GG_097', 'T5_GG_098', 'T5_GG_099', 'T5_GG_100', 'T5_GG_101', 'T5_GG_102', 'T5_GG_103', 'T5_GG_104', 'T5_GG_105', 'T5_GG_106', 'T5_GG_107', 'T5_GG_108', 'T5_GG_109', 'T5_GG_110', 'T5_GG_111', 'T5_GG_112', 'T5_GG_113', 'T5_GG_114', 'T5_GG_115', 'T5_GG_116', 'T5_GG_117', 'T5_GG_118', 'T5_GG_119', 'T5_GG_120', 'T5_GG_121', 'T5_GG_122', 'T5_GG_123', 'T5_GG_124', 'T5_GG_125', 'T5_GG_126', 'T5_GG_127', 'T5_GG_128', 'T5_GG_129', 'T5_GG_130', 'T5_GG_131', 'T5_GG_132', 'T5_GG_133', 'T5_GG_134', 'T5_GG_135', 'T5_GG_136', 'T5_GG_137', 'T5_GG_138', 'T5_GG_139', 'T5_GG_140', 'T5_GG_141', 'T5_GG_142', 'T5_GG_143', 'T5_GG_144', 'T5_GG_145', 'T5_GG_146', 'T5_GG_147', 'T5_GG_148', 'T5_GG_149', 'T5_GG_150', 'T5_GG_151', 'T5_GG_152', 'T5_GG_153', 'T5_GG_154', 'T5_GG_155', 'T5_GG_156', 'T5_GG_157', 'T5_GG_158', 'T5_GG_159', 'T5_GG_160', 'T5_GG_161', 'T5_GG_162', 'T5_GG_163', 'T5_GG_164', 'T5_GG_165', 'T5_GG_166', 'T5_GG_167', 'T5_GG_168', 'T5_GG_169', 'T5_GG_170', 'T5_GG_171', 'T5_GG_172', 'T5_GG_173', 'T5_GG_174', 'T5_GG_175', 'T5_GG_176', 'T5_GG_177', 'T5_GG_178', 'T5_GG_179', 'T5_GG_180', 'T5_GG_181', 'T5_GG_182', 'T5_GG_183', 'T5_GG_184', 'T5_GG_185', 'T5_GG_186', 'T5_GG_187', 'T5_GG_188', 'T5_GG_189', 'T5_GG_190', 'T5_GG_191', 'T5_GG_192', 'T5_GG_193', 'T5_GG_194', 'T5_GG_195', 'T5_GG_196', 'T5_GG_197', 'T5_GG_198', 'T5_GG_199', 'T5_GG_200', 'T5_GG_201', 'T5_GG_202', 'T5_GG_203', 'T5_GG_204', 'T5_GG_205', 'T5_GG_206', 'T5_GG_207', 'T5_GG_208', 'T5_GG_209', 'T5_GG_210', 'T5_GG_211', 'T5_GG_212', 'T5_GG_213', 'T5_GG_214', 'T5_GG_215', 'T5_GG_216', 'T5_GG_217', 'T5_GG_218', 'T5_GG_219', 'T5_GG_220', 'T5_GG_221', 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'T5_GG_299', 'T5_GG_300', 'T5_GG_301', 'T5_GG_302', 'T5_GG_303', 'T5_GG_304', 'T5_GG_305', 'T5_GG_306', 'T5_GG_307', 'T5_GG_308', 'T5_GG_309', 'T5_GG_310', 'T5_GG_311', 'T5_GG_312', 'T5_GG_313', 'T5_GG_314', 'T5_GG_315', 'T5_GG_316', 'T5_GG_317', 'T5_GG_318', 'T5_GG_319', 'T5_GG_320', 'T5_GG_321', 'T5_GG_322', 'T5_GG_323', 'T5_GG_324', 'T5_GG_325', 'T5_GG_326', 'T5_GG_327', 'T5_GG_328', 'T5_GG_329', 'T5_GG_330', 'T5_GG_331', 'T5_GG_332', 'T5_GG_333', 'T5_GG_334', 'T5_GG_335', 'T5_GG_336', 'T5_GG_337', 'T5_GG_338', 'T5_GG_339', 'T5_GG_340', 'T5_GG_341', 'T5_GG_342', 'T5_GG_343', 'T5_GG_344', 'T5_GG_345', 'T5_GG_346', 'T5_GG_347', 'T5_GG_348', 'T5_GG_349', 'T5_GG_350', 'T5_GG_351', 'T5_GG_352', 'T5_GG_353', 'T5_GG_354', 'T5_GG_355', 'T5_GG_356', 'T5_GG_357', 'T5_GG_358', 'T5_GG_359', 'T5_GG_360', 'T5_GG_361', 'T5_GG_362', 'T5_GG_363', 'T5_GG_364', 'T5_GG_365', 'T5_GG_366', 'T5_GG_367', 'T5_GG_368', 'T5_GG_369', 'T5_GG_370', 'T5_GG_371', 'T5_GG_372', 'T5_GG_373', 'T5_GG_374', 'T5_GG_375', 'T5_GG_376', 'T5_GG_377', 'T5_GG_378', 'T5_GG_379', 'T5_GG_380', 'T5_GG_3

Figure 1 displays five panels of RcaT-Seq signal tracks for the *Salmonella enterica* serovar Enteritidis chromosome, showing the distribution of RcaT-Seq signal across the genome. The tracks are labeled: RcaT-Eco1, RcaT-Eco9, RcaT-Sen2, Retron-Eco1, and Retron-Sen2. The x-axis represents the genomic position in Mb, ranging from 0 to 100. The y-axis represents the RcaT-Seq signal intensity, ranging from 0 to 100. The tracks show a high density of RcaT-Seq signal across the genome, with a prominent peak in the RcaT-Eco9 track. The RcaT-Eco1 track shows a high density of signal across the genome, with a prominent peak in the RcaT-Eco9 track. The RcaT-Sen2 track shows a high density of signal across the genome, with a prominent peak in the RcaT-Eco9 track. The Retron-Eco1 track shows a high density of signal across the genome, with a prominent peak in the RcaT-Eco9 track. The Retron-Sen2 track shows a high density of signal across the genome, with a prominent peak in the RcaT-Eco9 track.