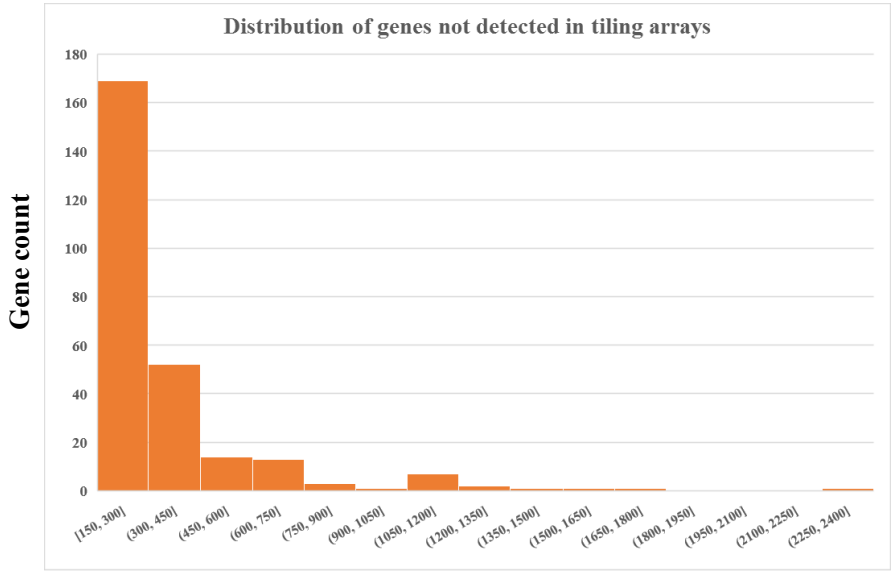
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Cartlann Taighde Oscailte Chorcaí

Title	Global transcriptional landscape and promoter mapping of the gut commensal Bifidobacterium breve UCC2003
Authors	Bottacini, Francesca;Zomer, Aldert;Milani, Christian;Ferrario, Chiara;Lugli, Gabriele A.;Egan, Muireann;Ventura, Marco;van Sinderen, Douwe
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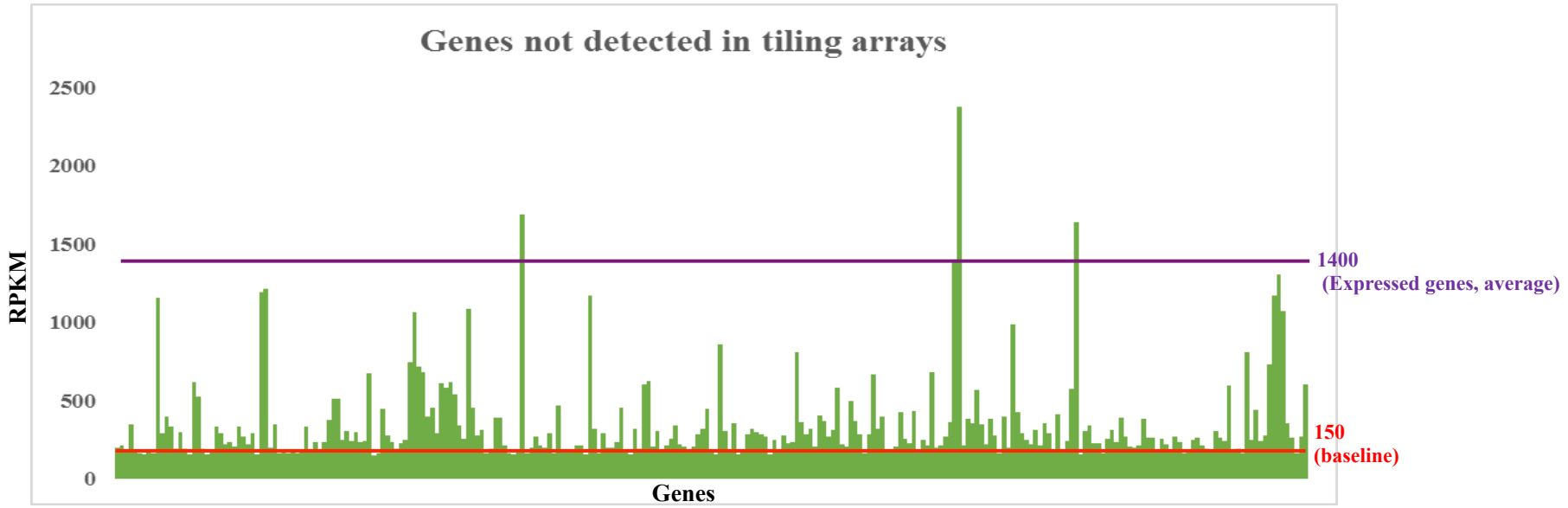


University College Cork, Ireland
Coláiste na hOllscoile Corcaigh

a)


Distribution of genes not detected in tiling arrays
Gene count
180
160
140
120
100
80
60
40
20
0
[150, 300]
(300, 450]
(450, 600]
(600, 750]
(750, 900]
(900, 1050]
(1050, 1200]
(1200, 1350]
(1350, 1500]
(1500, 1650]
(1650, 1800]
(1800, 1950]
(1950, 2100]
(2100, 2250]
(2250, 2400]
RPKM

b)


Genes not detected in tiling arrays
RPKM
2500
2000
1500
1000
500
0
1400
(Expressed genes, average)
150
(baseline)
Genes