

Table S2. Statistical comparison of noise-strength values

Comparison ID#	Condition 1	Condition 2	FISH noise strength pairwise comparison	GFP-GR array loading noise strength pairwise comparison	Ch Protein array loading noise strength pairwise comparison
1	3617 0h	3617 0.5h	$P<0.05$	$P<0.05$	
2	3617 0h	3617 4h	$P<0.05$	$P<0.05$	
3	3617 0h	6643 0h	Not Significant	Not Significant	
4	3617 0h	6643 0.5h	$P<0.05$	$P<0.05$	
5	3617 0h	6643 4h	$P<0.05$	$P<0.05$	
6	3617 0h	6790 0h	Not Significant	Not Significant	
7	3617 0h	6790 0.5h	$P<0.05$	$P<0.05$	
8	3617 0h	6790 4h	Not Significant	$P<0.05$	
9	3617 0.5h	3617 4h	$P<0.05$	$P<0.05$	
10	3617 0.5h	6643 0h	$P<0.05$	$P<0.05$	
11	3617 0.5h	6643 0.5h	Not Significant	Not Significant	
12	3617 0.5h	6643 4h	Not Significant	Not Significant	
13	3617 0.5h	6790 0h	$P<0.05$	$P<0.05$	
14	3617 0.5h	6790 0.5h	Not Significant	$P<0.05$	
15	3617 0.5h	6790 4h	$P<0.05$	$P<0.05$	
16	3617 4h	6643 0h	$P<0.05$	$P<0.05$	
17	3617 4h	6643 0.5h	$P<0.05$	$P<0.05$	
18	3617 4h	6643 4h	Not Significant	$P<0.05$	
19	3617 4h	6790 0h	$P<0.05$	$P<0.05$	
20	3617 4h	6790 0.5h	$P<0.05$	Not Significant	
21	3617 4h	6790 4h	Not Significant	$P<0.05$	
22	6643 0h	6643 0.5h	$P<0.05$	$P<0.05$	Not Significant
23	6643 0h	6643 4h	$P<0.05$	$P<0.05$	Not Significant
24	6643 0h	6790 0h	Not Significant	Not Significant	$P<0.05$
25	6643 0h	6790 0.5h	$P<0.05$	$P<0.05$	$P<0.05$
26	6643 0h	6790 4h	$P<0.05$	$P<0.05$	$P<0.05$
27	6643 0.5h	6643 4h	Not Significant	Not Significant	Not Significant
28	6643 0.5h	6790 0h	$P<0.05$	$P<0.05$	$P<0.05$
29	6643 0.5h	6790 0.5h	Not Significant	$P<0.05$	$P<0.05$
30	6643 0.5h	6790 4h	$P<0.05$	$P<0.05$	$P<0.05$
31	6643 4h	6790 0h	$P<0.05$	$P<0.05$	$P<0.05$
32	6643 4h	6790 0.5h	Not Significant	$P<0.05$	$P<0.05$
33	6643 4h	6790 4h	Not Significant	$P<0.05$	$P<0.05$
34	6790 0h	6790 0.5h	$P<0.05$	$P<0.05$	Not Significant
35	6790 0h	6790 4h	$P<0.05$	$P<0.05$	Not Significant
36	6790 0.5h	6790 4h	Not Significant	Not Significant	Not Significant