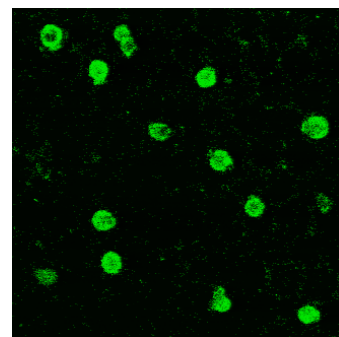
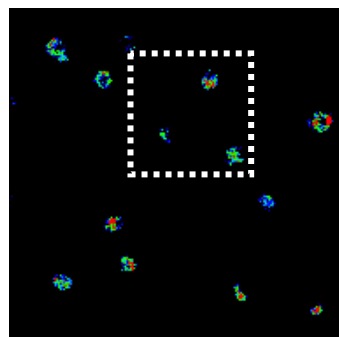
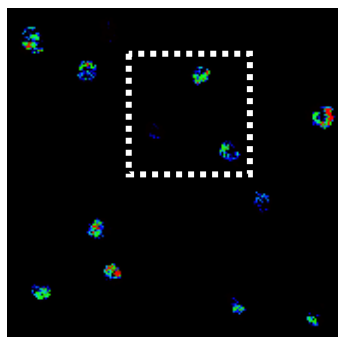
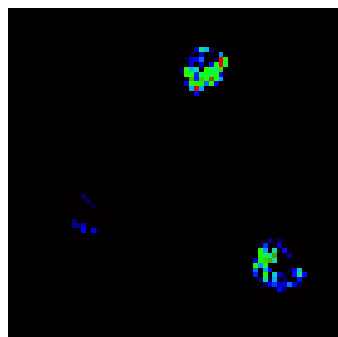


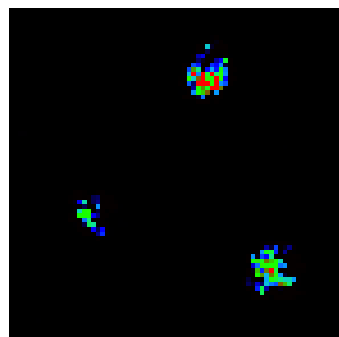
**BF**



**Insulin  
Immuno-staining**



**3 mM glucose  
TMRE**



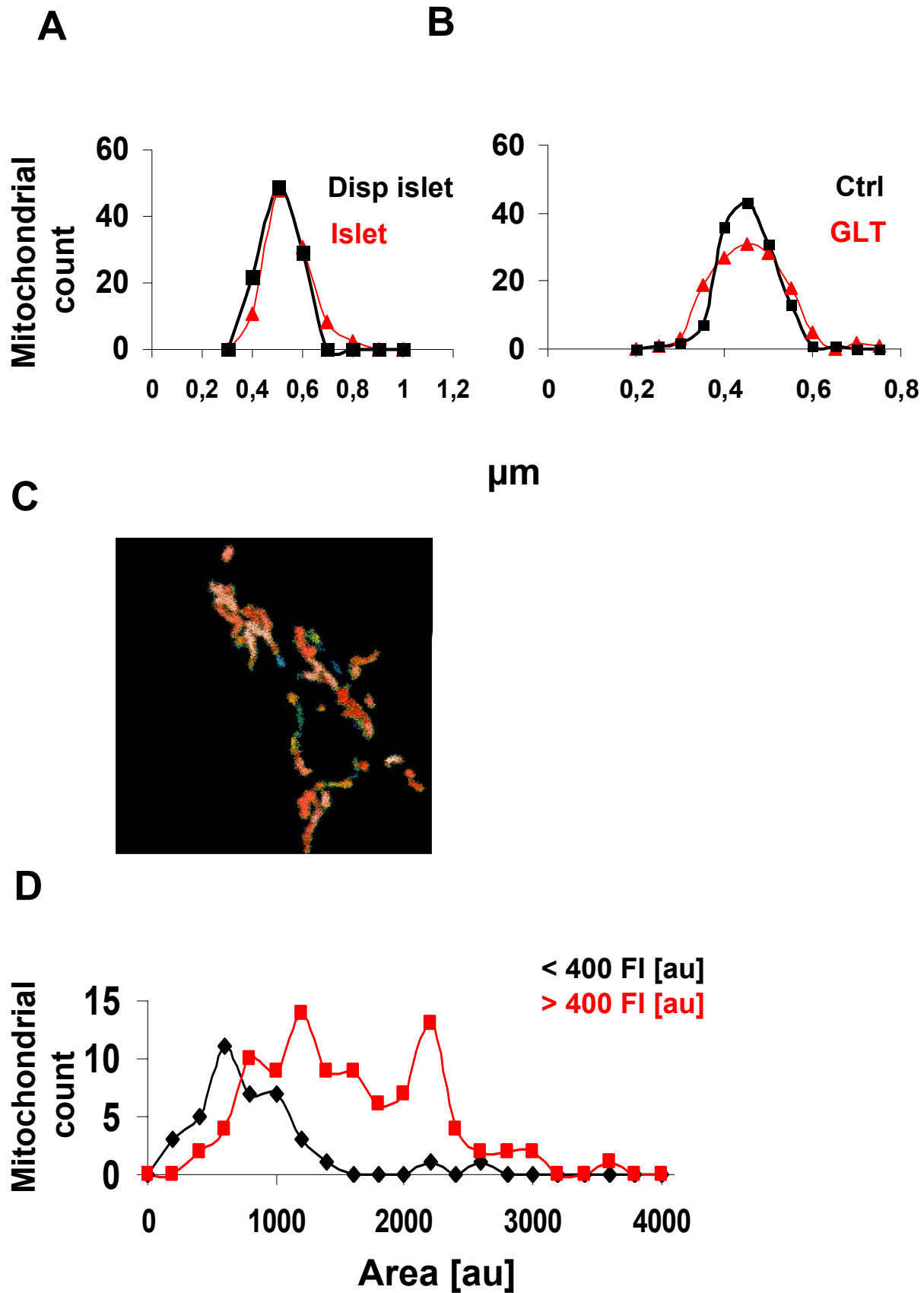
**8 mM glucose  
TMRE**

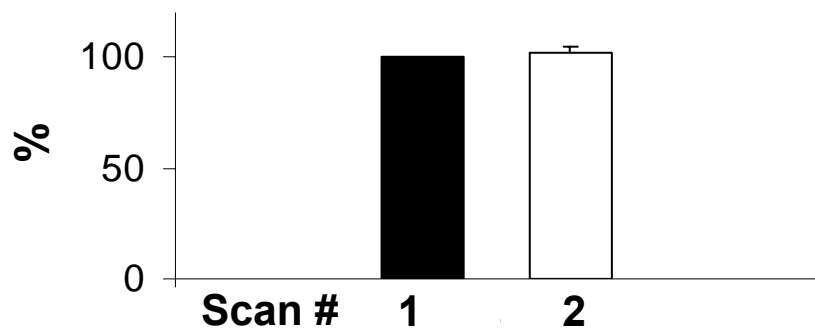
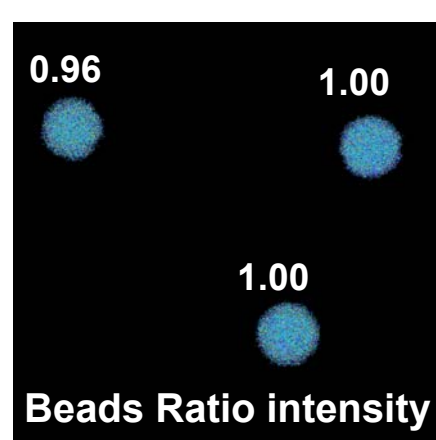
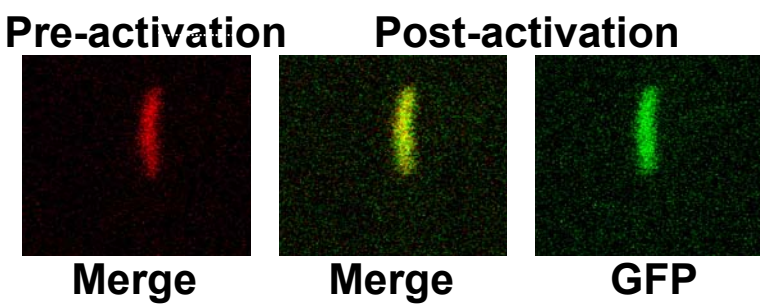
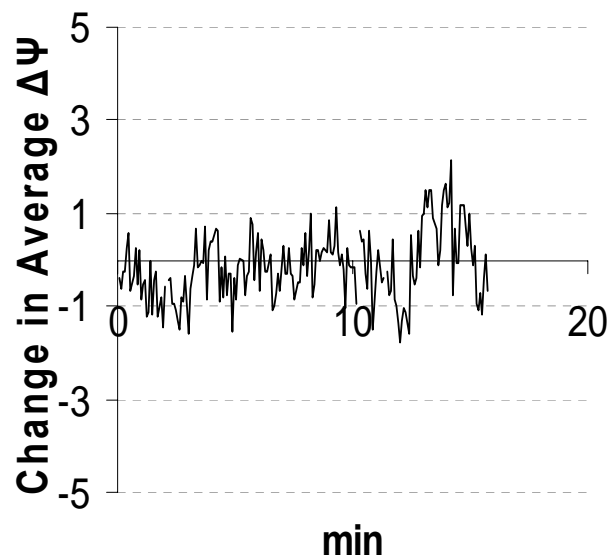
# Table 1

**Fluorescence intensity  
change 3-8 mM glucose**

<b>Cell #</b>	<b>%</b>
1	4.4
2	10.2
3	30.4
4	15.2
5	3.5
6	18.8
7	11.6
8	21.3
9	-2.4
10	9.5
11	39.2
12	14.5
13	9.4

Fig. S2



**Fig. S3****A****Heterogeneity change consecutive scans****B****C****D****E**