

Supplementary material.

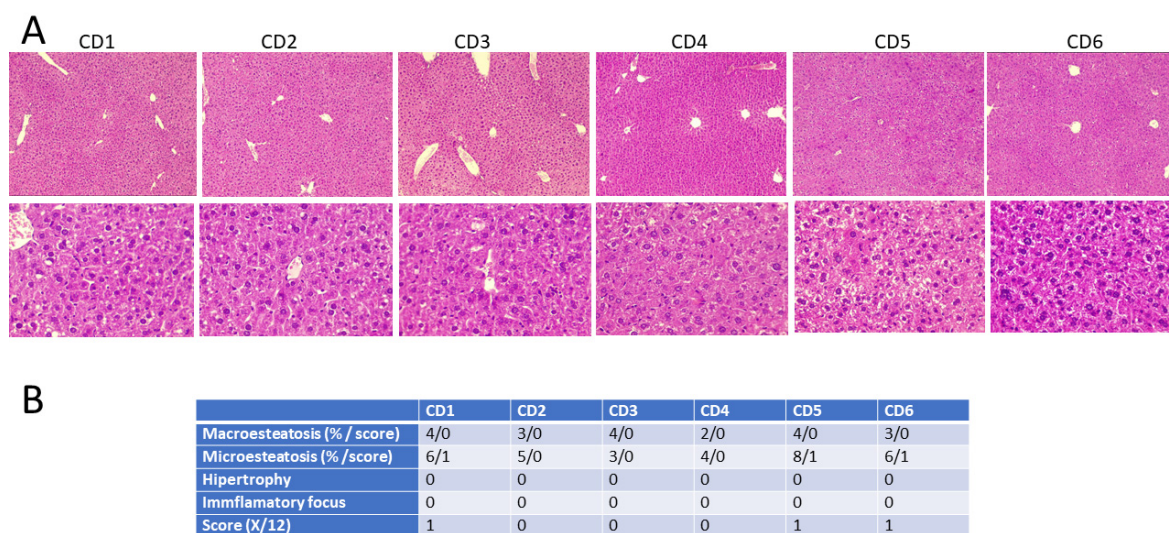


Figure S1. Representative bright field image of an H&E stained liver section. Images are representatives of each animal from control group (n=6). A. Upper panel shows 10X and bottom panel shows 40X magnification, respectively. B. Calculated score for steatosis expressed of a 12 total score.

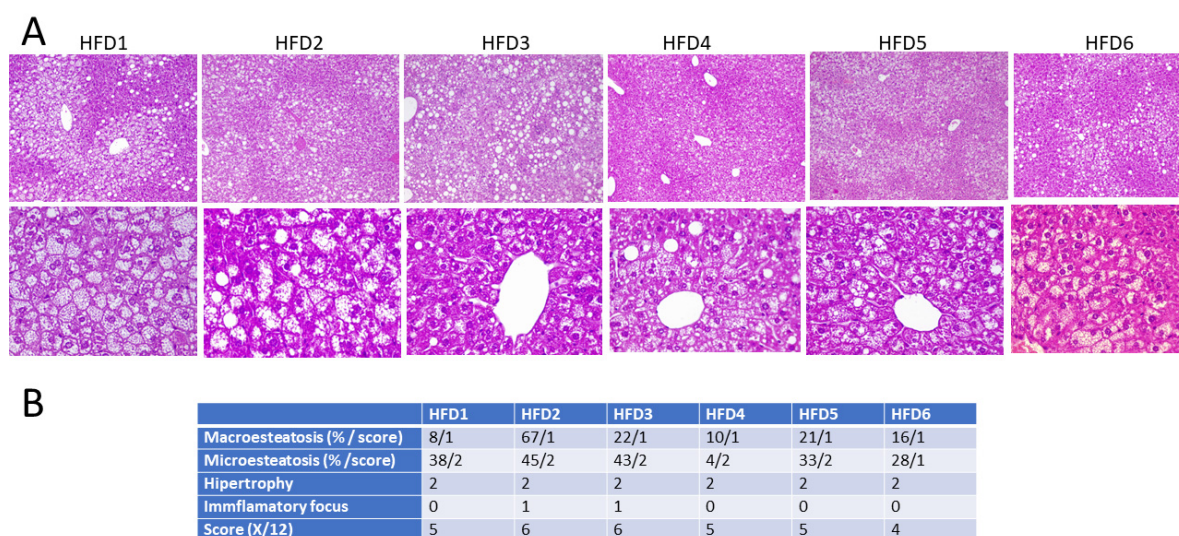
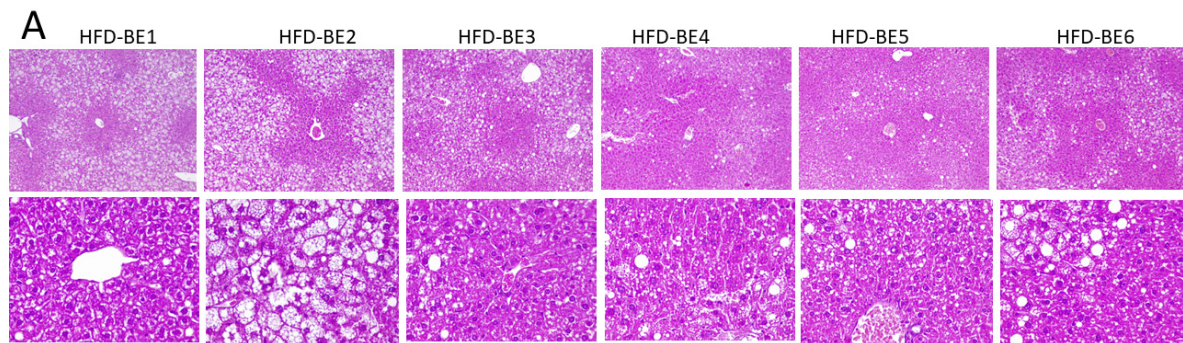


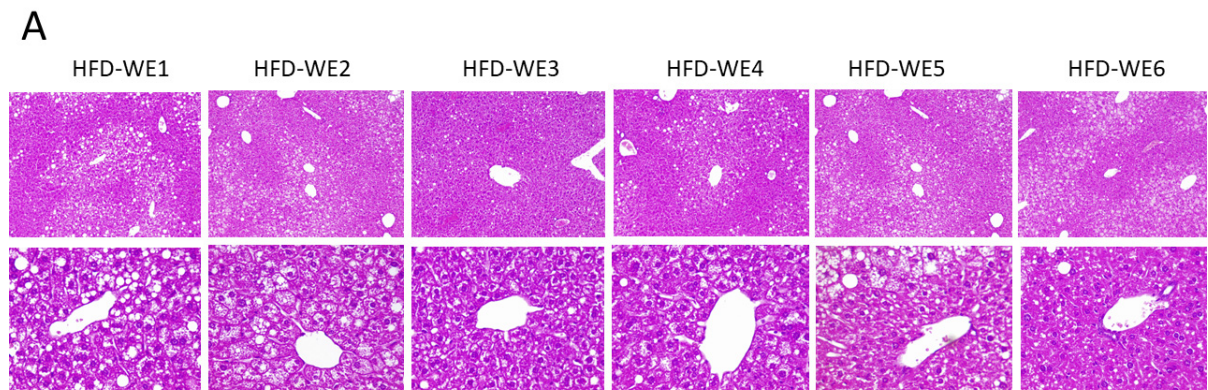
Figure S2. Representative bright field image of an H&E stained liver section. Images are representatives of each animal from HFD group (n=6). A. Upper panel shows 10X and bottom panel shows 40X magnification, respectively. B. Calculated score for steatosis expressed of a 12 total score.



B

	HFD1	HFD2	HFD3	HFD4	HFD5	HFD6
Macrosteatosis (% / score)	4/0	5/1	8/1	4/0	16/1	10/1
Microsteatosis (% / score)	25/1	37/2	40/2	15/1	20/1	38/2
Hipertrophy	1	0	0	0	0	0
Immflamatory focus	1	0	0	0	0	0
Score (X/12)	3	3	3	1	2	3

Figure S3. Representative bright field image of an H&E stained liver section. Images are representatives of each animal from HFD-BE group (n=6). A. Upper panel shows 10X and bottom panel shows 40X magnification, respectively. B. Calculated score for steatosis expressed of a 12 total score.



B

	HFD1	HFD2	HFD3	HFD4	HFD5	HFD6
Macrosteatosis (% / score)	18/1	10/1	10/1	15/1	7/1	20/1
Microsteatosis (% / score)	21/1	33/2	25/1	17/1	33/2	23/1
Hipertrophy	0	1	0	0	1	0
Immflamatory focus	0	0	0	0	0	0
Score (X/12)	2	4	2	2	4	2

Figure S4. Representative bright field image of an H&E stained liver section. Images are representatives of each animal from HFD-WE group (n=6). A. Upper panel shows 10X and bottom panel shows 40X magnification, respectively. B. Calculated score for steatosis expressed of a 12 total score.

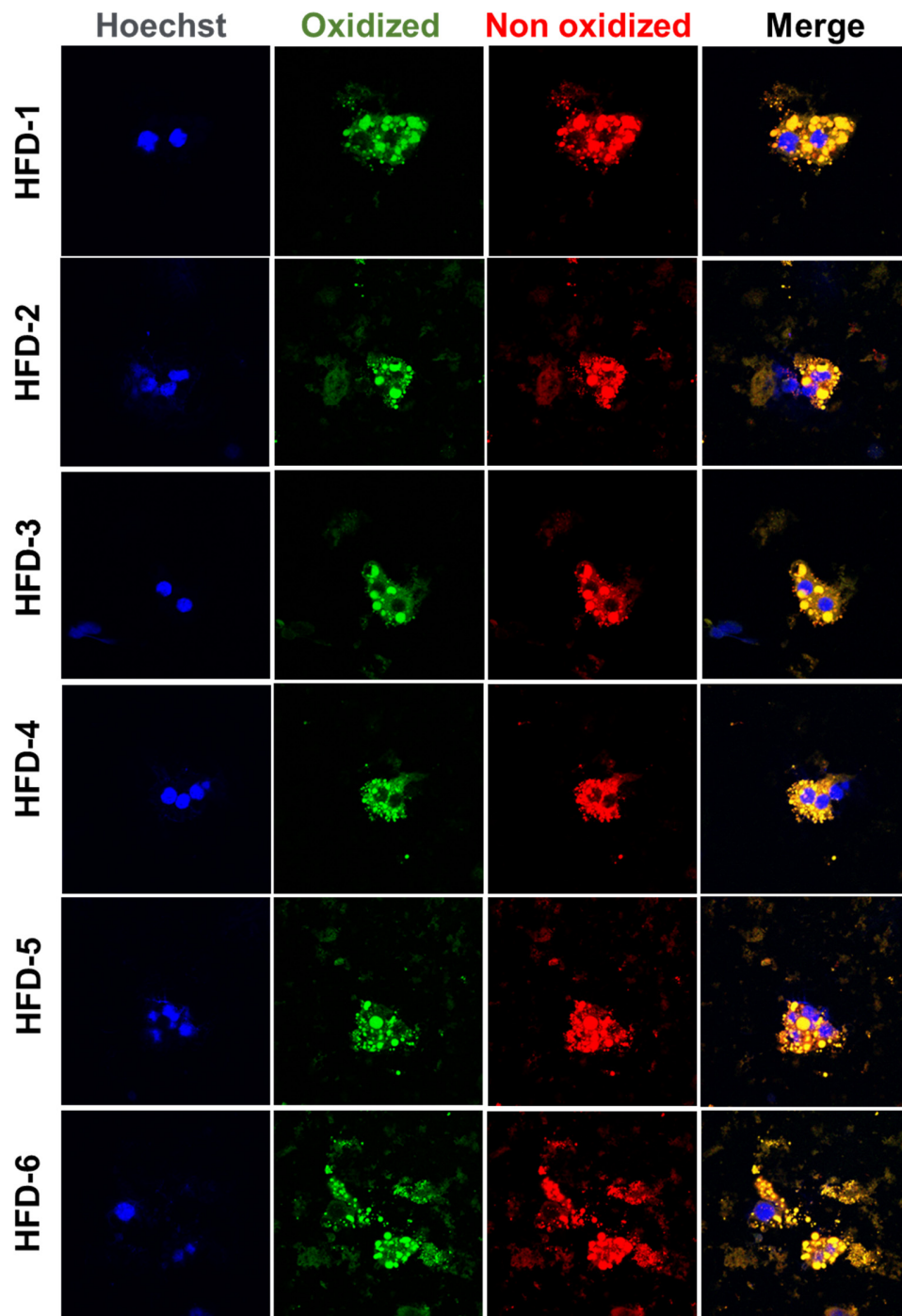


Figure S5. Representative confocal images of an BODIPY-c11 stained isolated hepatocytes. Images are representatives of each animal from HFD group (n=6). 40X magnification.

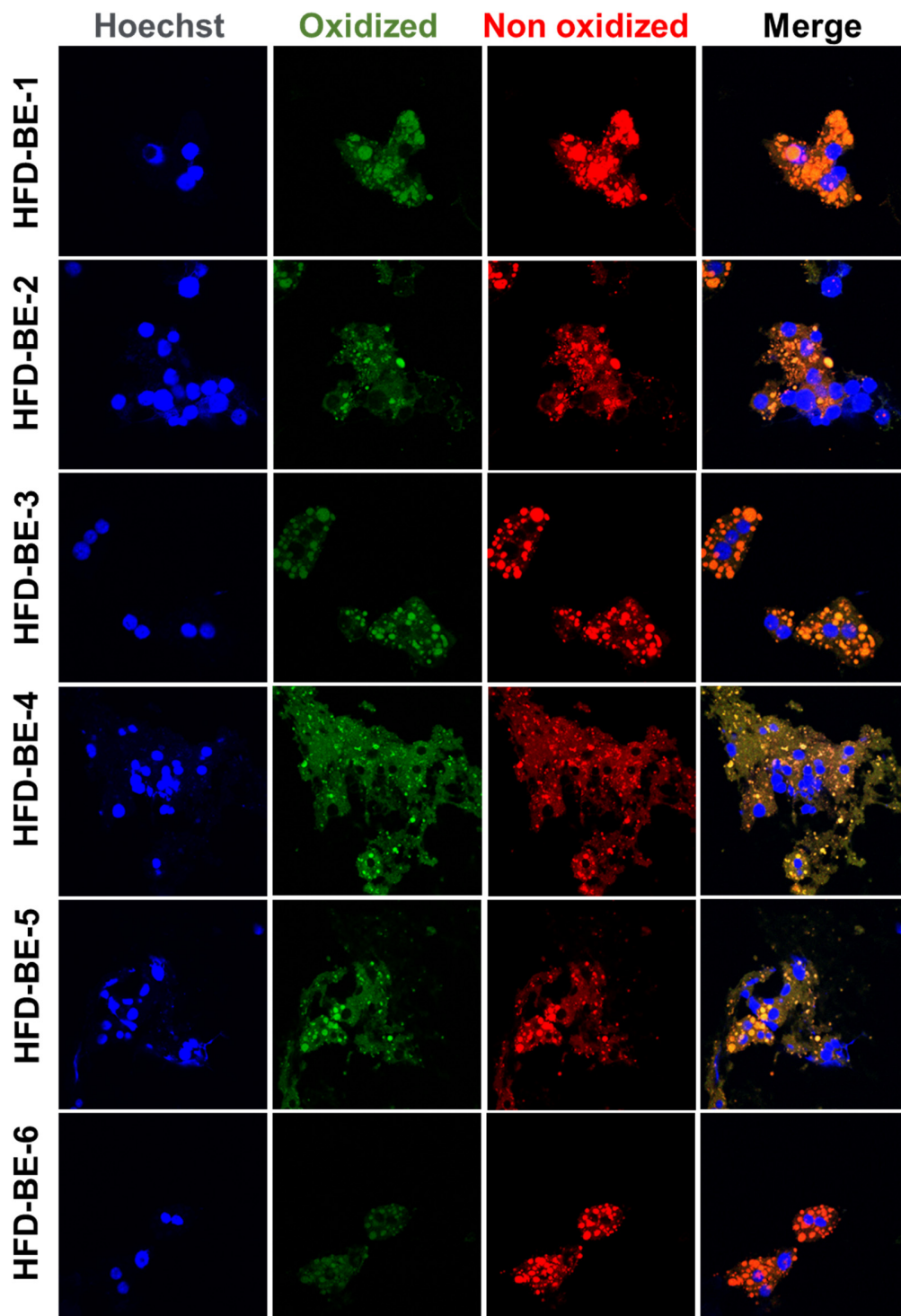


Figure S6. Representative confocal images of an BODIPY-c11 stained isolated hepatocytes. Images are representatives of each animal from HFD-BE group (n=6). 40X magnification.

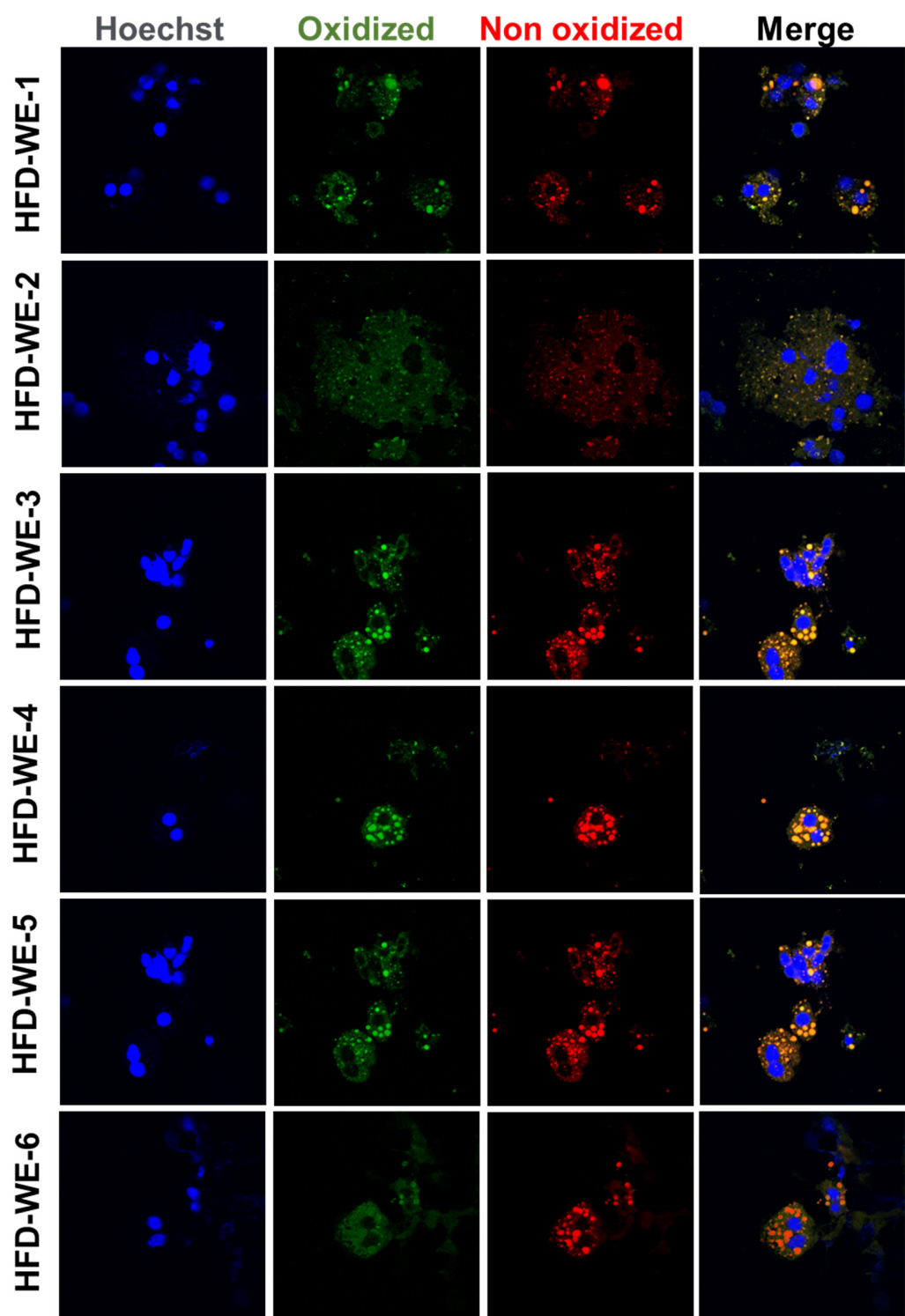


Figure S7. Representative confocal images of an BODIPY-c11 stained isolated hepatocytes. Images are representatives of each animal from HFD-WE group (n=6). 40X magnification