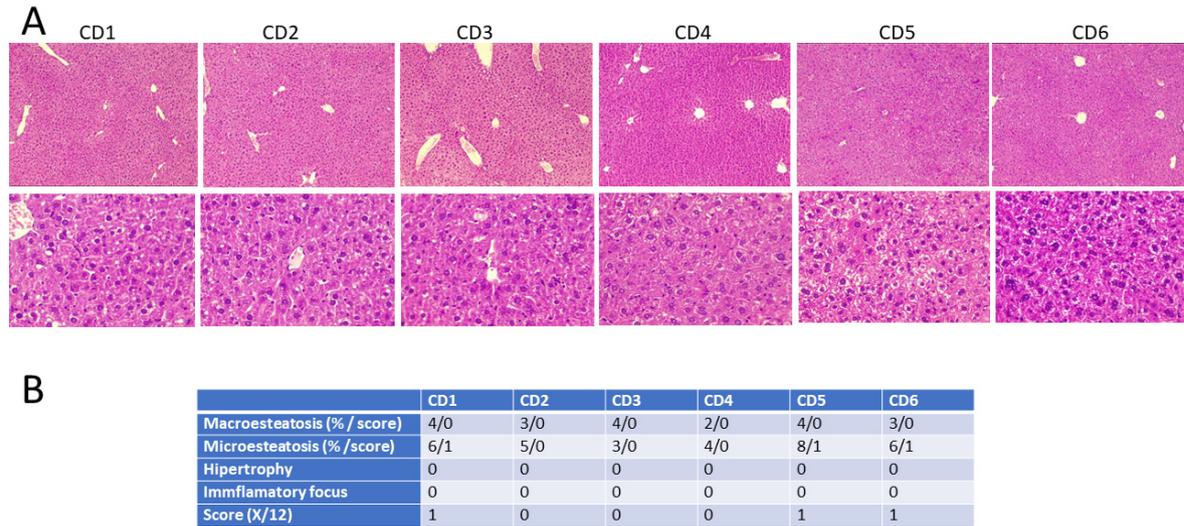
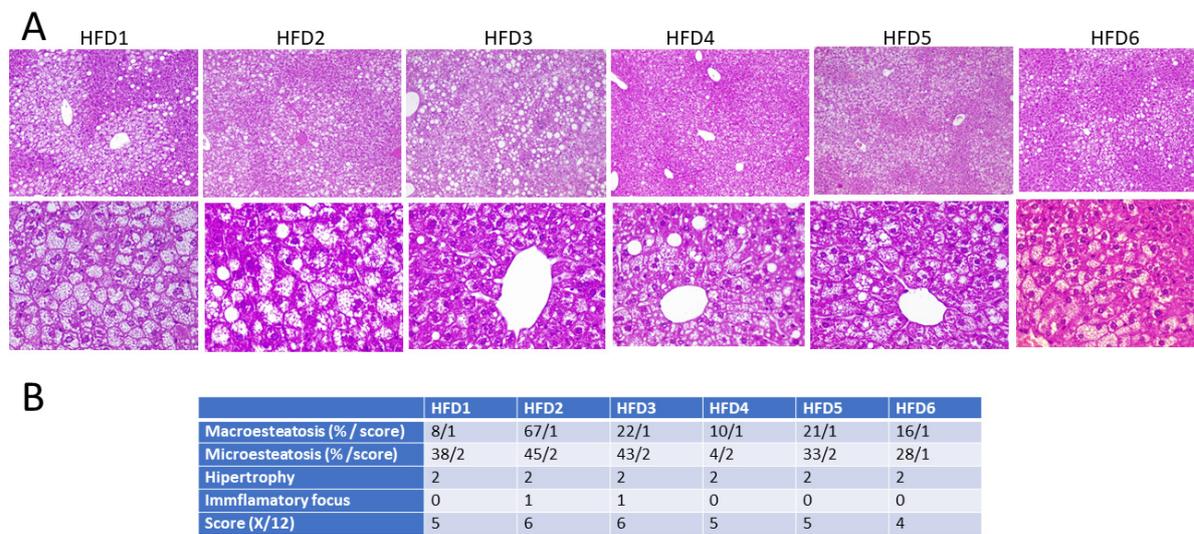


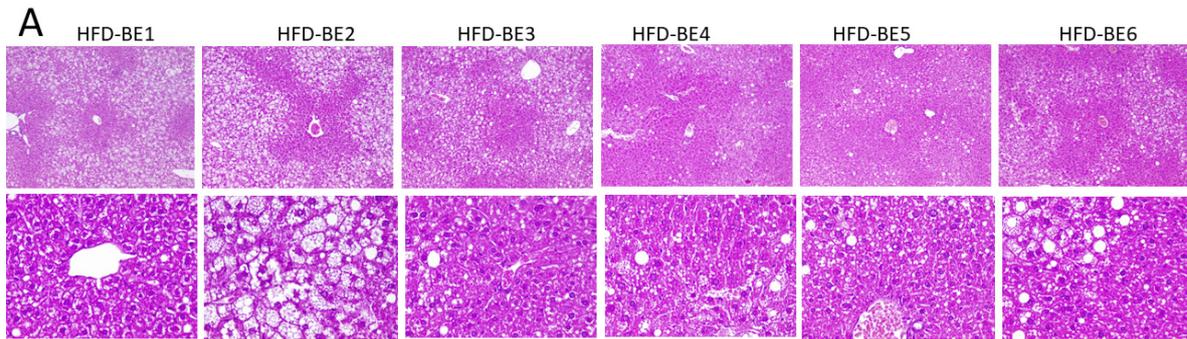
Supplementary material.



**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.



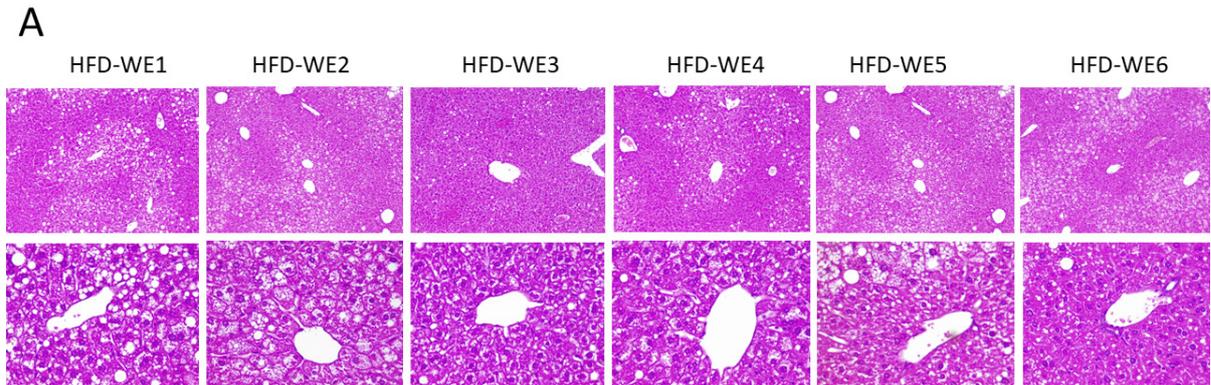
**Figure S2.** Representative bright field image of an H&E stained liver section. Images are representatives of each animal from HFD group (n=6). A. Upper panel shows 10X and bottom panel shows 40X magnification, respectively. B. Calculated score for steatosis expressed of a 12 total score.



**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    |

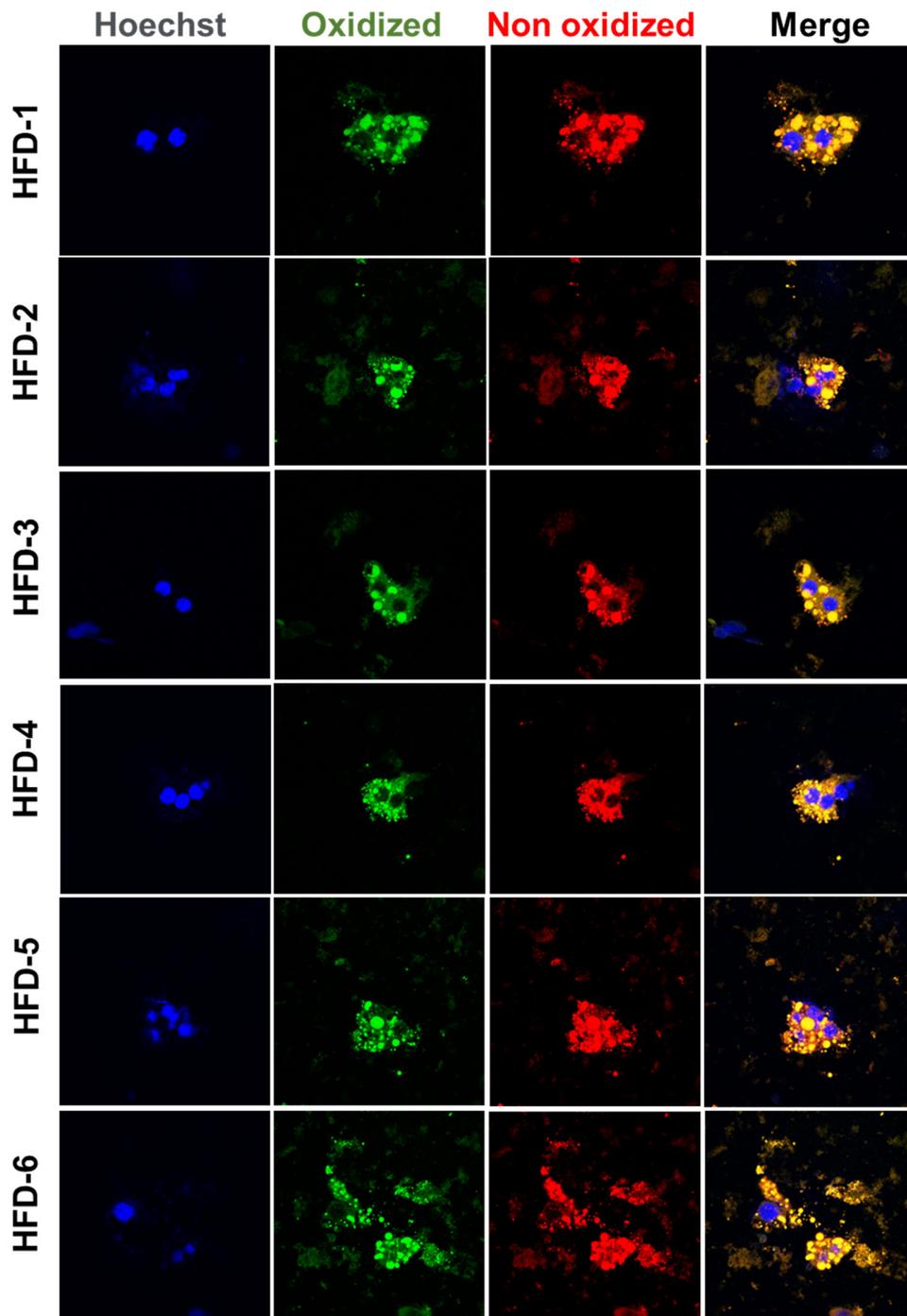
**Figure S3.** Representative bright field image of an H&E stained liver section. Images are representatives of each animal from HFD-BE group (n=6). A. Upper panel shows 10X and bottom panel shows 40X magnification, respectively. B. Calculated score for steatosis expressed of a 12 total score.



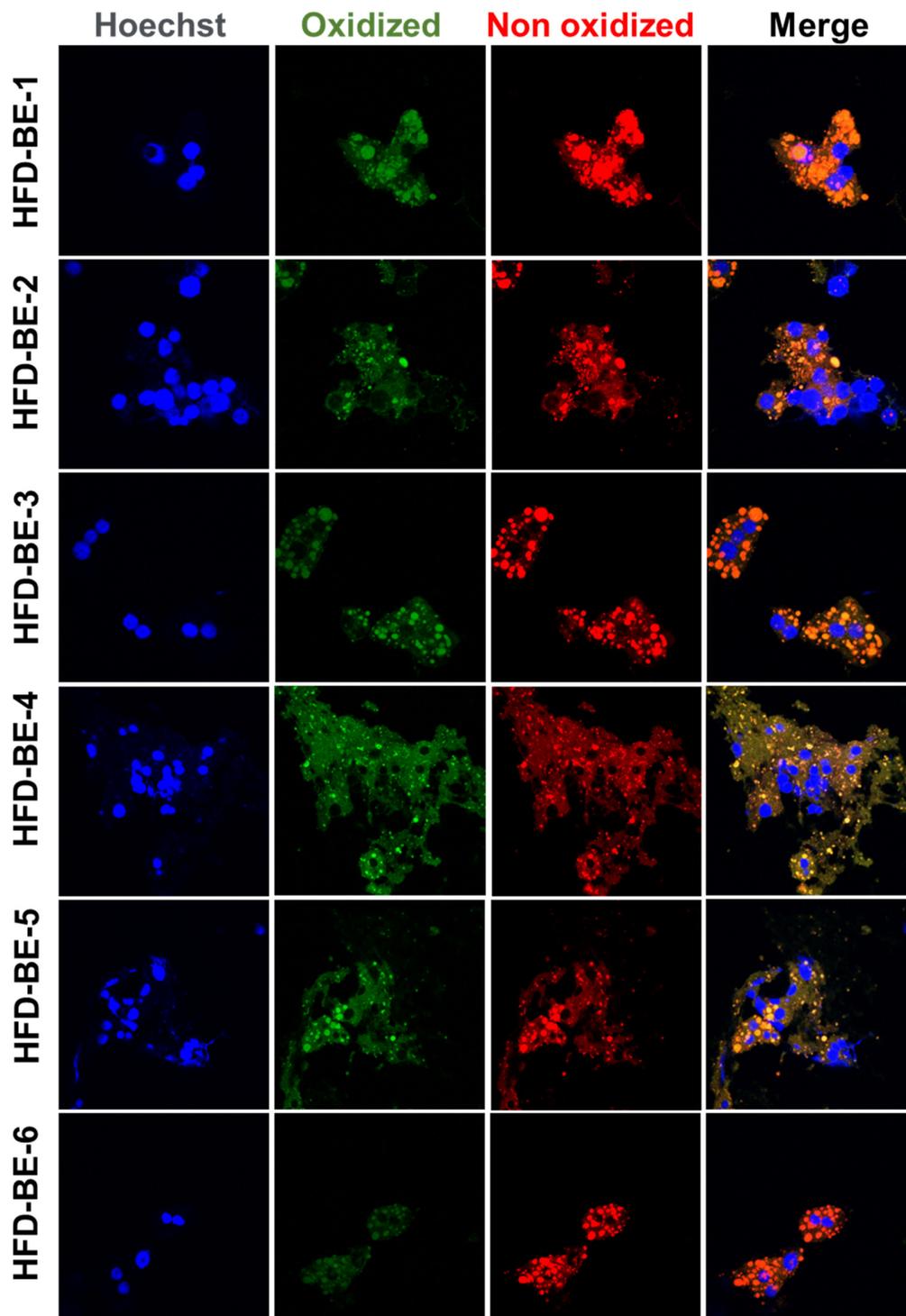
**B**

|                            | 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    |

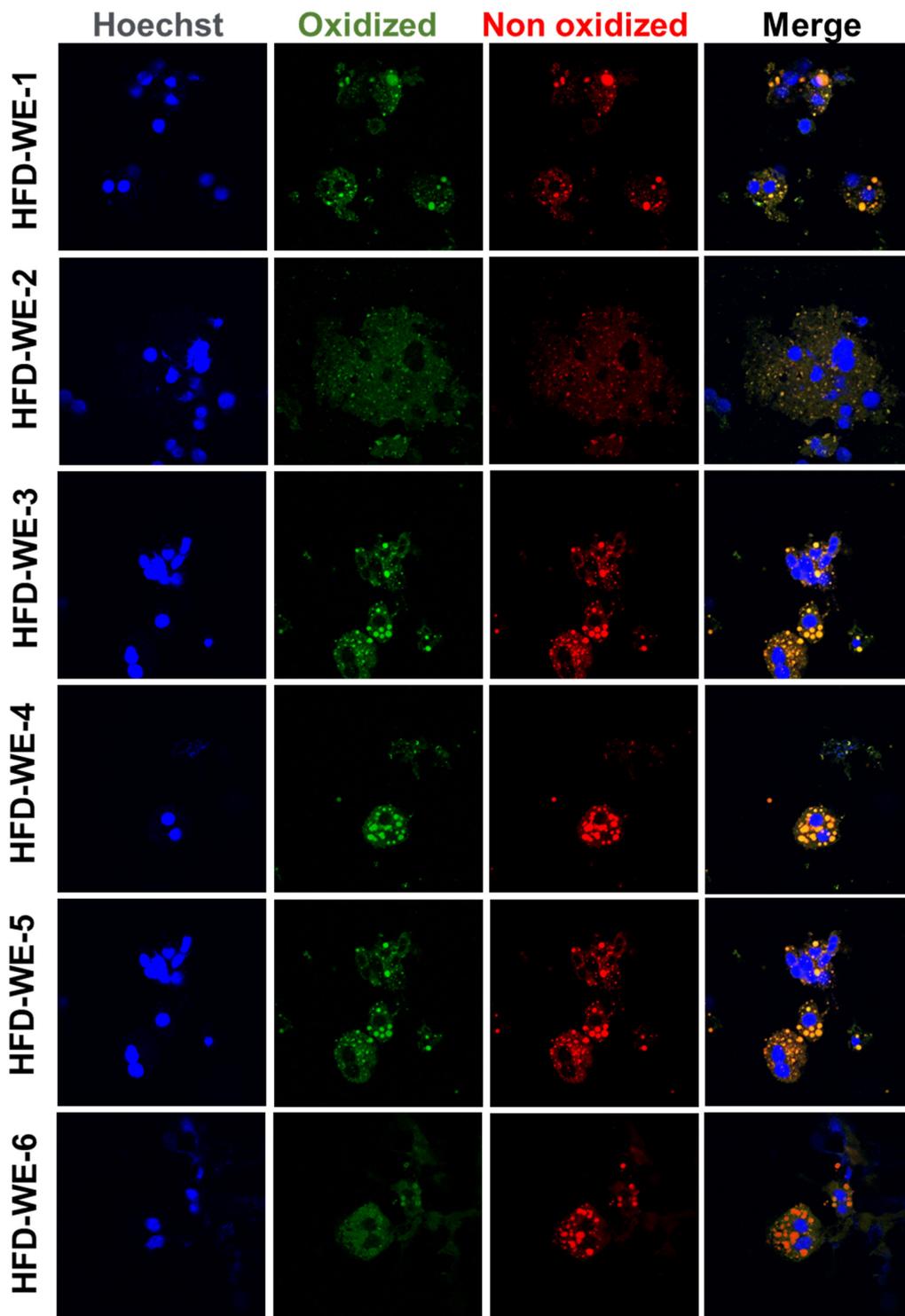
**Figure S4.** Representative bright field image of an H&E stained liver section. Images are representatives of each animal from HFD-WE group (n=6). A. Upper panel shows 10X and bottom panel shows 40X magnification, respectively. B. Calculated score for steatosis expressed of a 12 total score.



**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