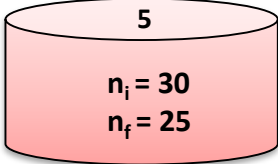
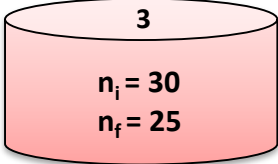
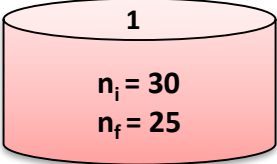


Supplementary Fig. S1

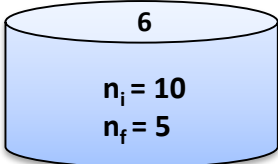
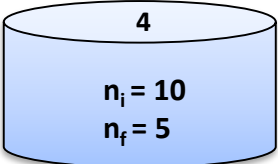
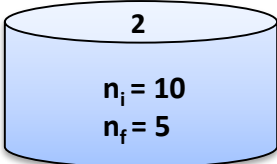
Acclimatization

7 days

High density



Low density



n_i = Initial number of fish
 n_f = Final number of fish

Sampling: 5 rainbow trout per tank

To

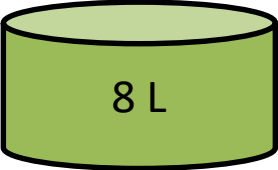
15 days

45 days

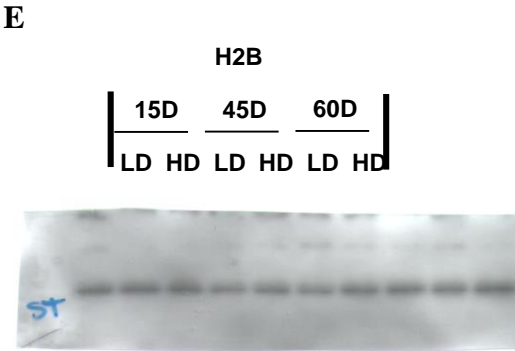
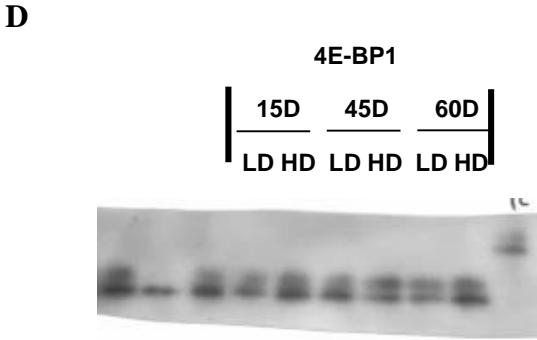
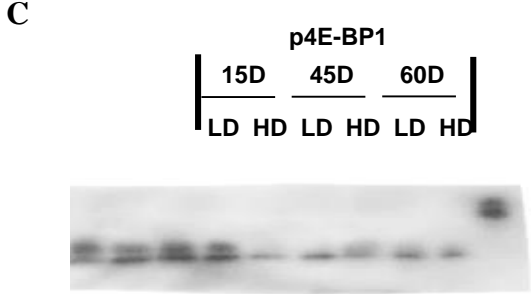
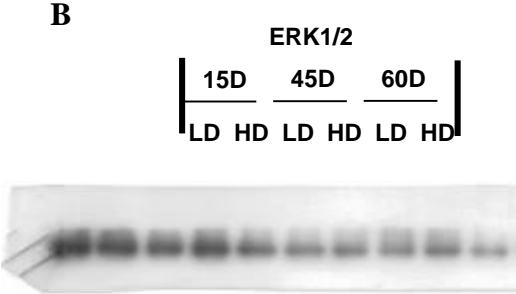
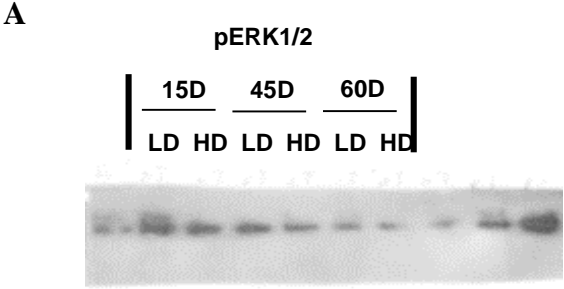
60 days



7.24 ± 1.35 g
body weight



Supplementary Fig. S2

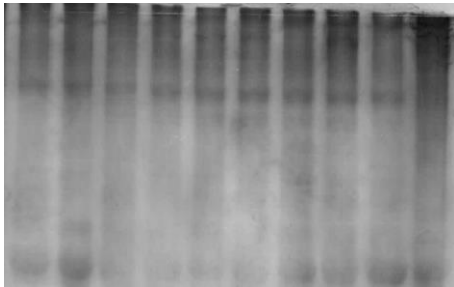


Supplementary Fig. S3

A

Ubiquitinated proteins

| 15D | | 45D | | 60D | |
|-----|----|-----|----|-----|----|
| LD | HD | LD | HD | LD | HD |



B

Coomasie blue

| 15D | | 45D | | 60D | |
|-----|----|-----|----|-----|----|
| LD | HD | LD | HD | LD | HD |

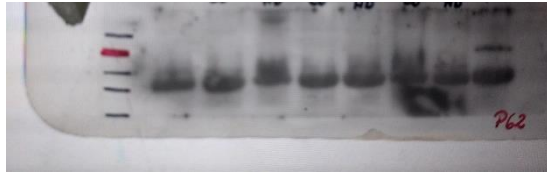


Supplementary Fig. S4

A

P62/SQSTM1

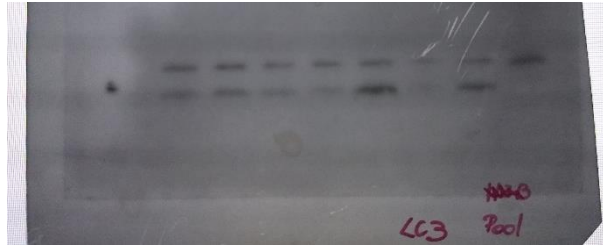
| 15D | | 45D | | 60D | |
|-----|----|-----|----|-----|----|
| LD | HD | LD | HD | LD | HD |



B

LC3-I/II

| 15D | | 45D | | 60D | |
|-----|----|-----|----|-----|----|
| LD | HD | LD | HD | LD | HD |



C

H2B

| 15D | | 45D | | 60D | |
|-----|----|-----|----|-----|----|
| LD | HD | LD | HD | LD | HD |

