FIGURE 4

Succinate + rotenone

UCP1-WT BAT

Succinate + rotenone

UCP1-KO BAT

Succinate + MQ

UCP1-KO BAT

GDP Ca2+

Ca2+ Green fluorescence (count/sample)

TMRM fluorescence (count/sample)

Time (seconds)

UCP1-WT BAT

GDP Ca2+

Ca2+ Green fluorescence (count/sample)

TMRM fluorescence (count/sample)

Time (seconds)

UCP1-KO BAT

GDP Ca2+

Ca2+ Green fluorescence (count/sample)

TMRM fluorescence (count/sample)

Time (seconds)

UCP1-KO BAT

GDP Ca2+

Ca2+ Green fluorescence (count/sample)

TMRM fluorescence (count/sample)

Time (seconds)

UCP1-WT BAT

GDP Ca2+

Ca2+ Green fluorescence (count/sample)

TMRM fluorescence (count/sample)

Time (seconds)

UCP1-KO BAT

GDP Ca2+

Ca2+ Green fluorescence (count/sample)

TMRM fluorescence (count/sample)

Time (seconds)

UCP1-WT BAT

GDP Ca2+

Ca2+ Green fluorescence (count/sample)

TMRM fluorescence (count/sample)

Time (seconds)

G3P

UCP1-WT BAT

GDP Ca2+

Ca2+ Green fluorescence (count/sample)

TMRM fluorescence (count/sample)

Time (seconds)

G3P

UCP1-WT BAT

GDP Ca2+

Ca2+ Green fluorescence (count/sample)

TMRM fluorescence (count/sample)

Time (seconds)