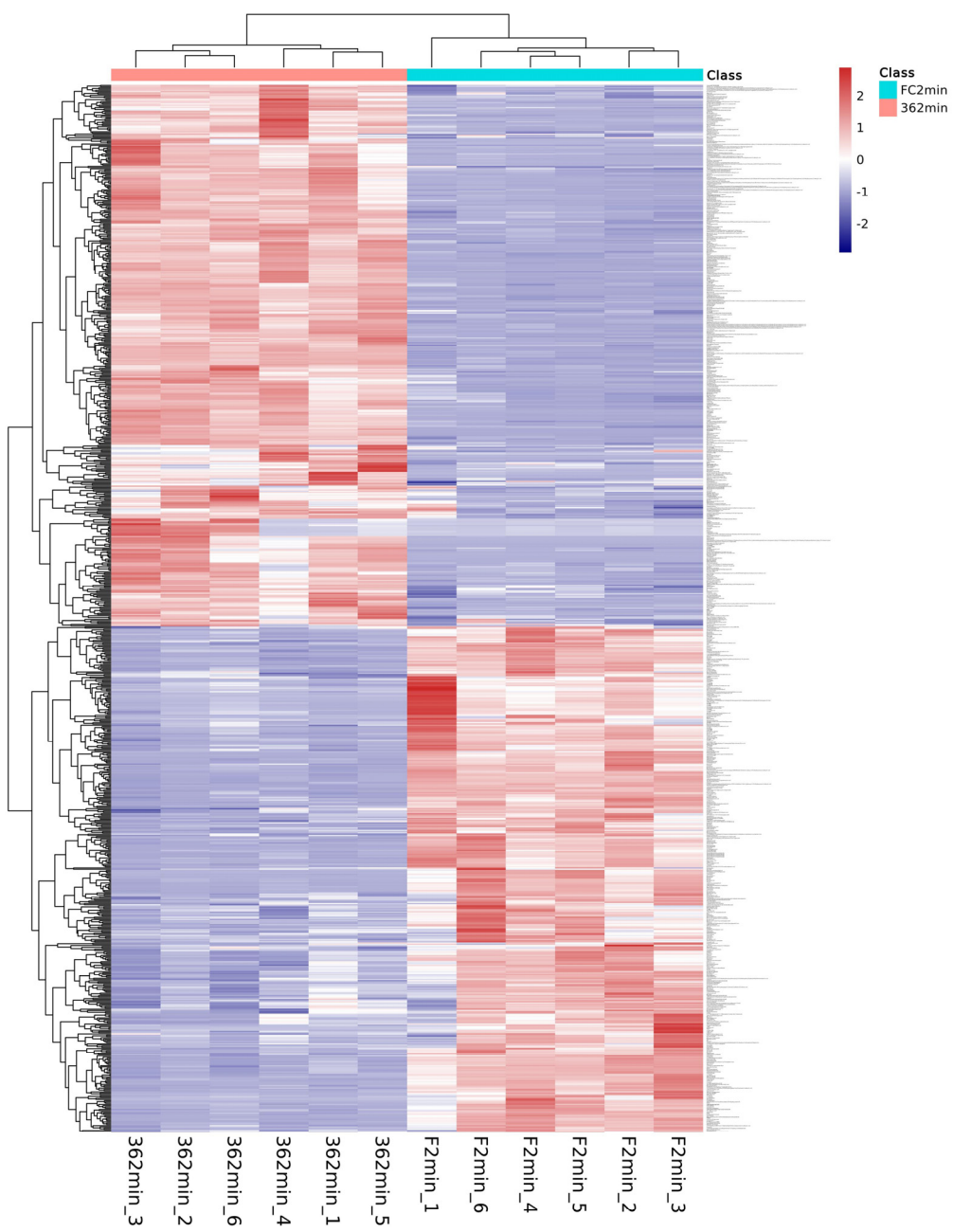
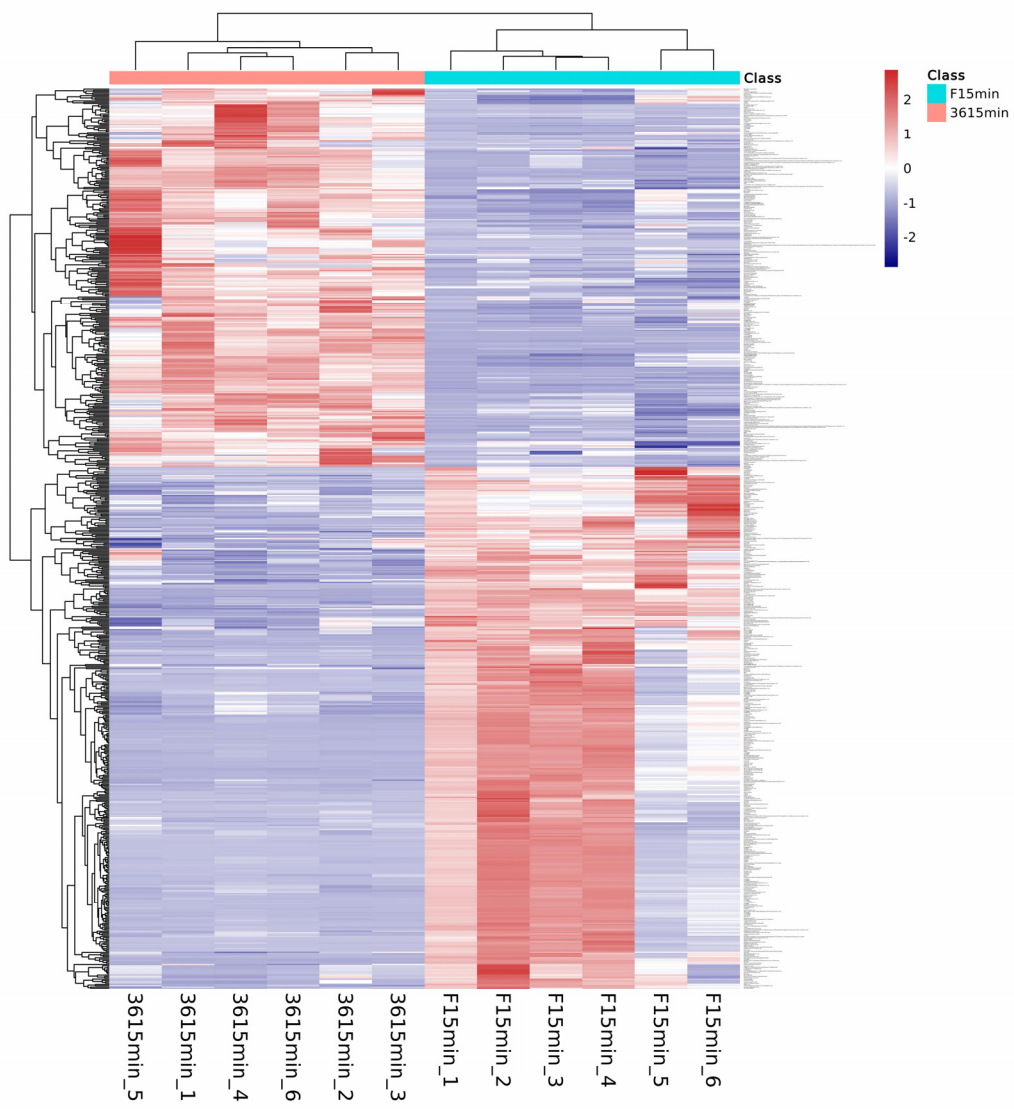


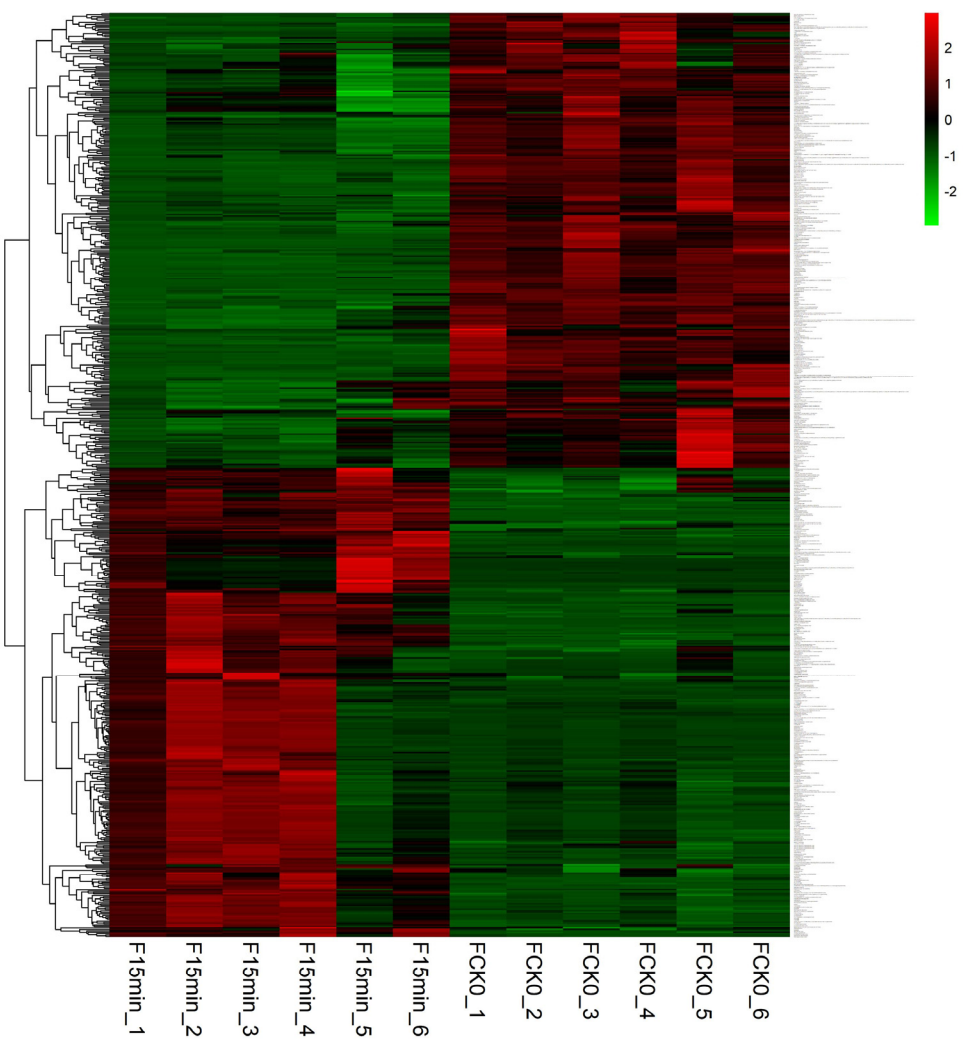
(a)



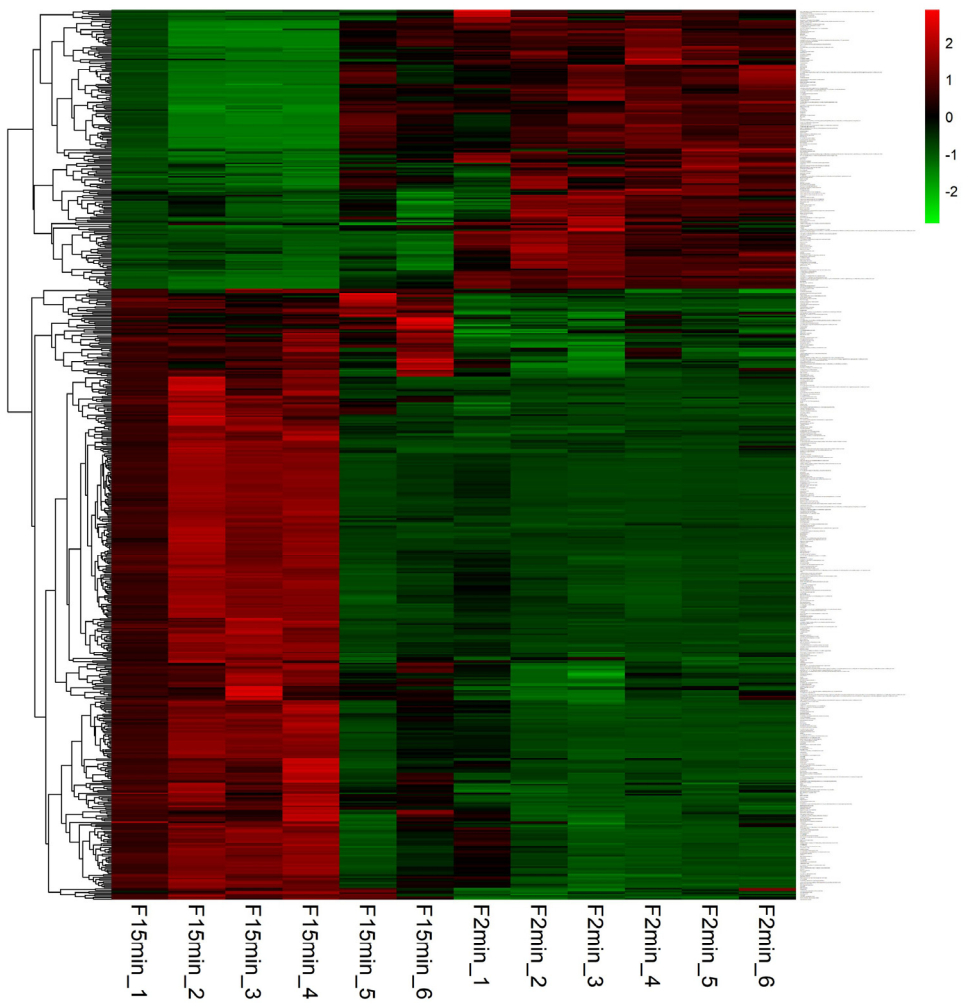
(b)



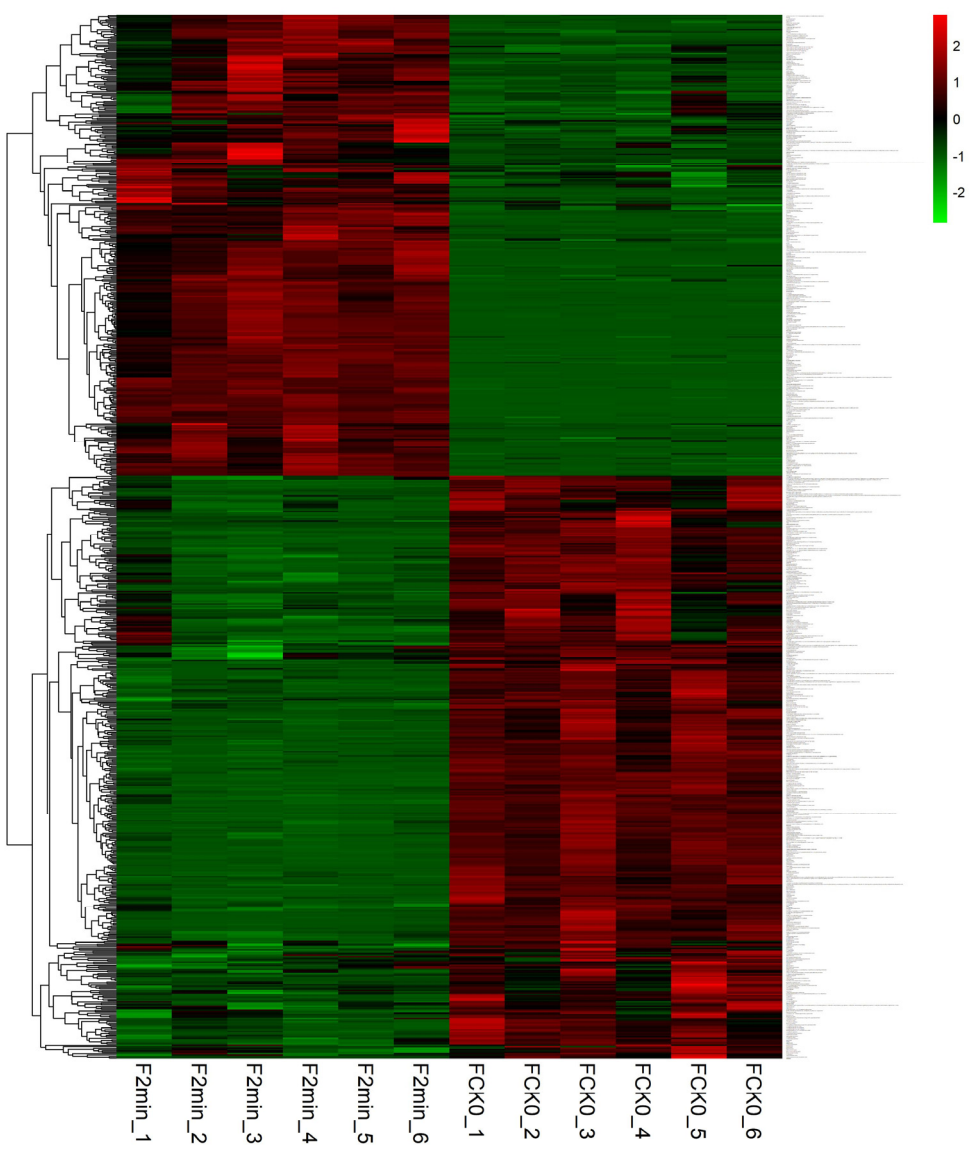
(c)



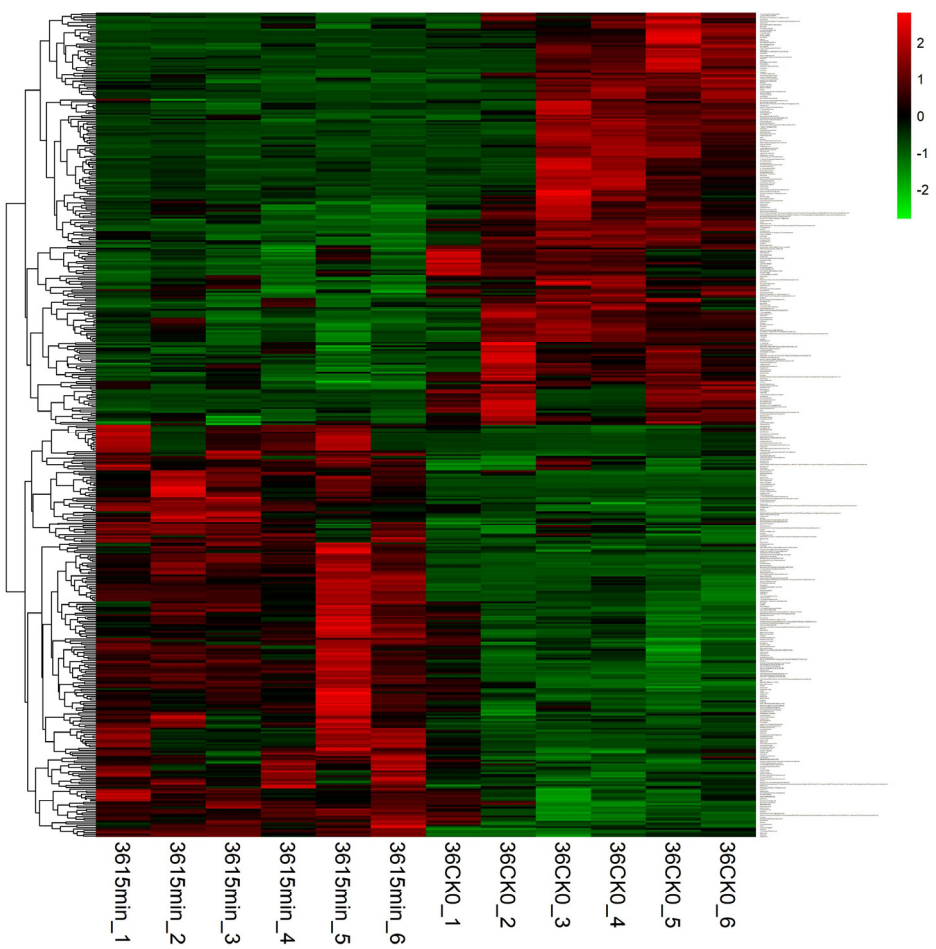
(d)



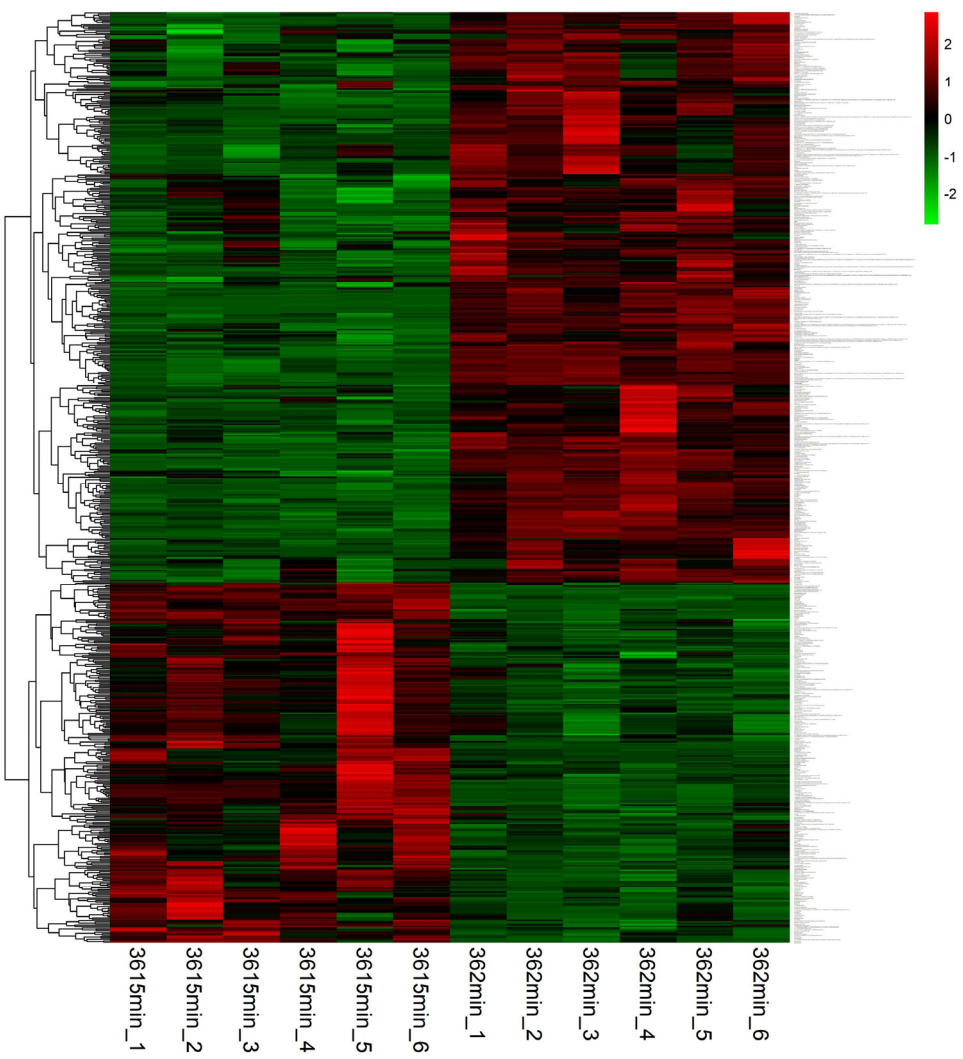
(e)



(f)

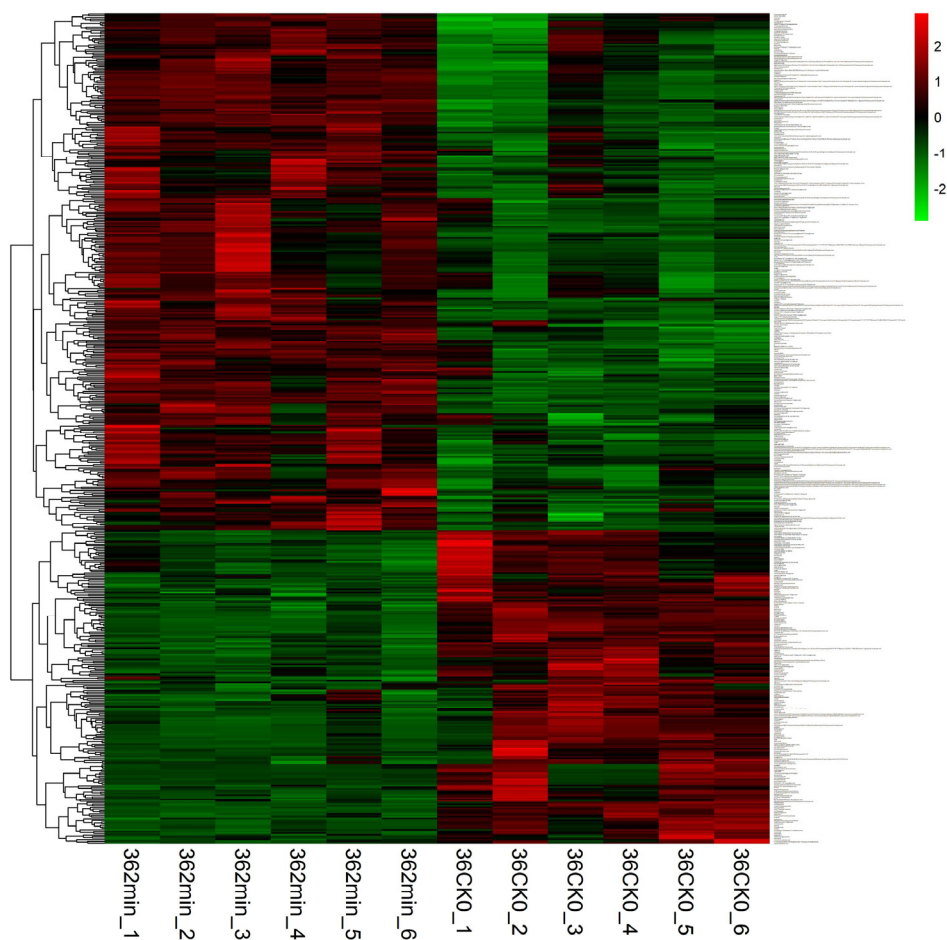


(g)



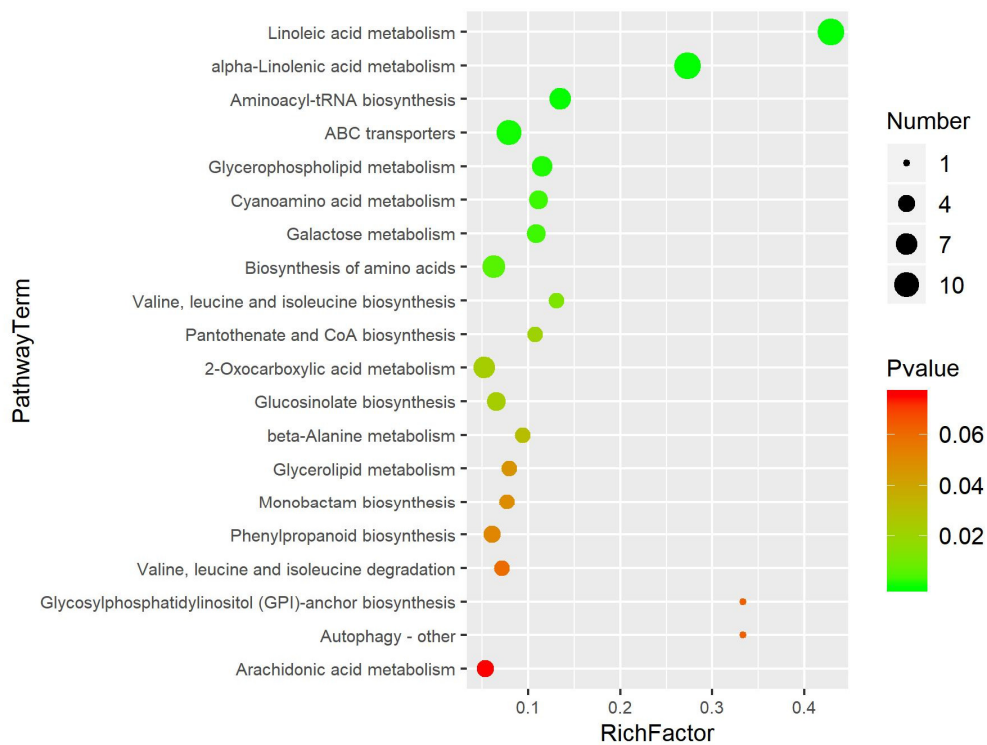
(h)



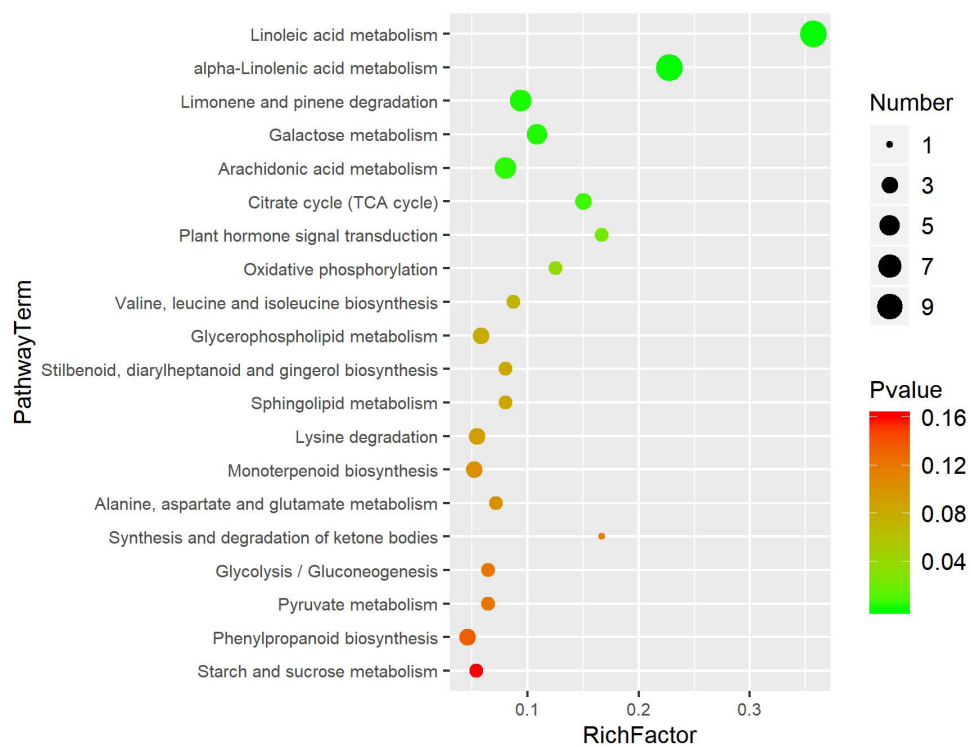


(i)

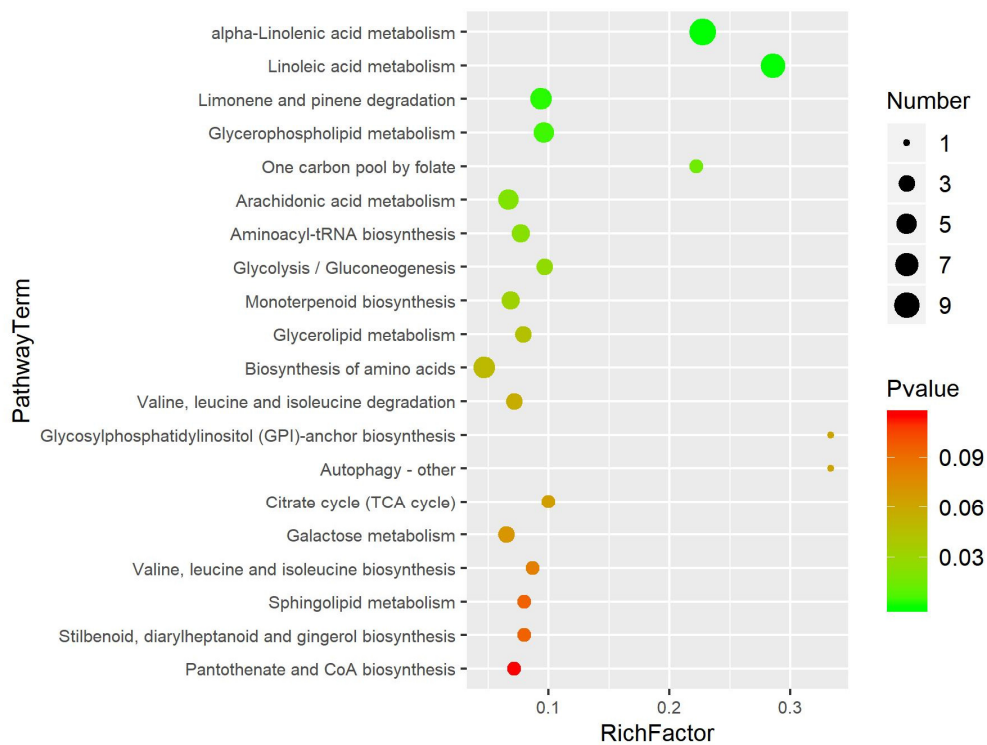
Figure S1: The differential metabolite heat maps of comparison groups. (a) F CK0/36 CK0 group; (b) F 2 min/36 2 min group; (c) F 15 min/36 15 min group; (d) F 15 min/F CK0 group; (e) F 15 min/F 2 min group; (f) F 2 min/F CK0 group; (g) 36 15 min/36 CK0; (h) 36 15 min/36 2 min; (i) 36 2 min/36 CK0.



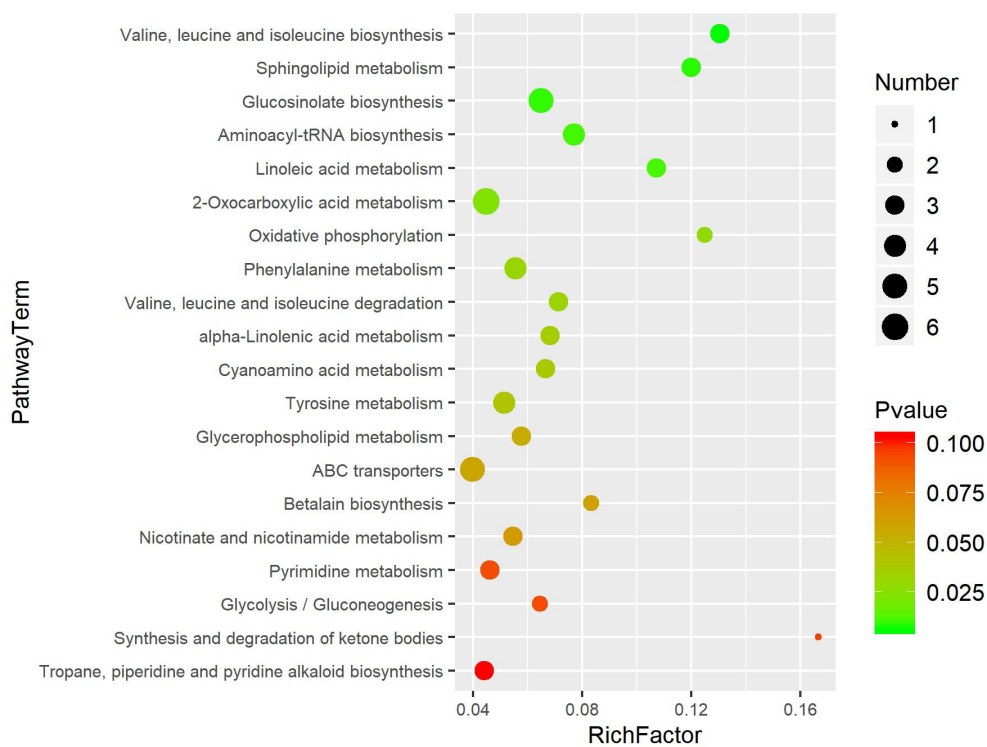
(a)



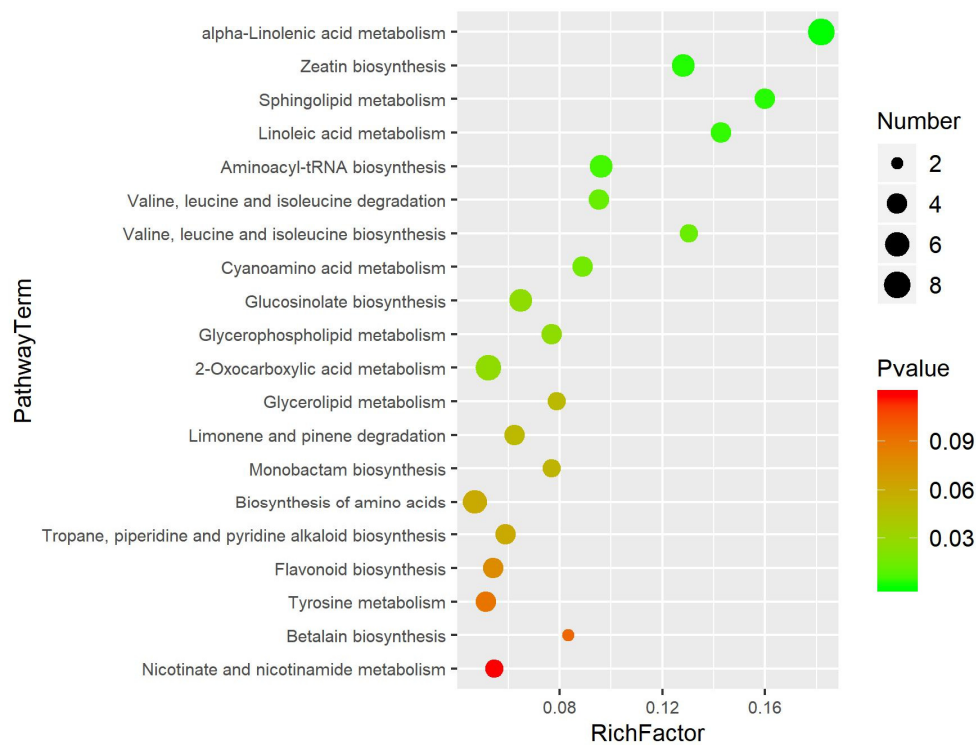
(b)



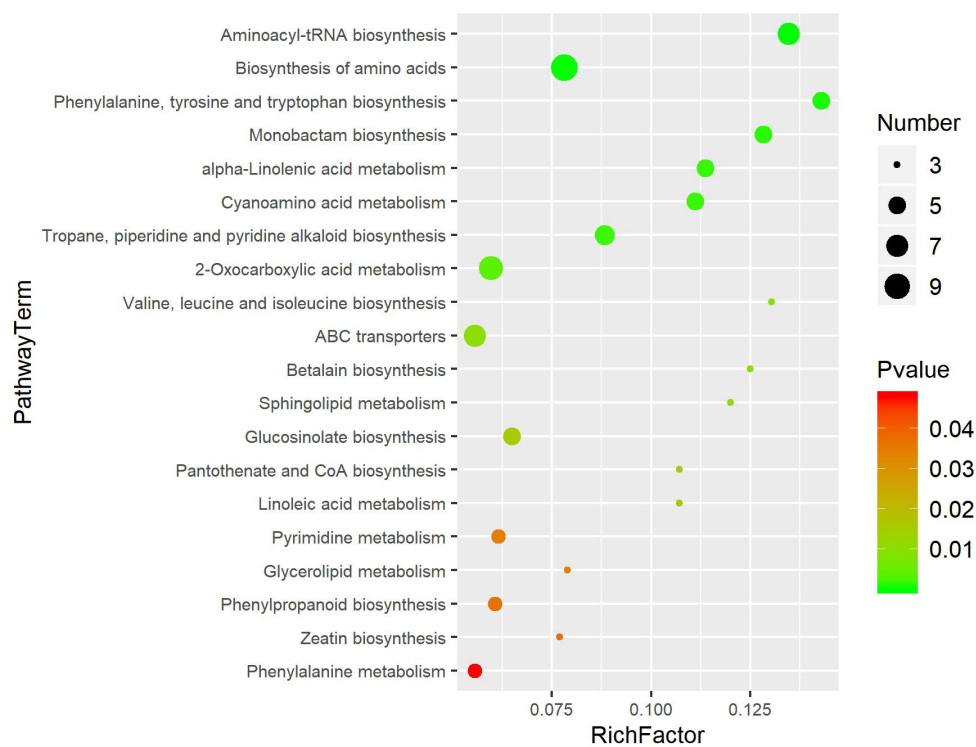
(c)



(d)



(e)



(f)

Figure S2: The differential metabolite bubble maps of comparison groups. (a) F 15 min/F CK0 group; (b) F 15 min/F 2 min, group. (c) F 2 min/F CK0 group; (d) 36 15 min/36 CK0; (e) 36 15 min/36 2 min; (f) 36 2 min/36 CK0.