Table S1. Primers and probes

Primer name	Sequence
poxAfor	5’-CCTGAAGTTACGGTCTGCGAAC-3’
poxArev	5’-TGTGAGGCATGAAACCATCCTTC-3’
efpfor	5’-TCGATAAATGAGCGGGGCACAC-3’
efprev	5’-CGTGCTGGCAAGCAAAACAAG-3’
yjeKfor	5’-CAGCGGAATCAGTAGATTTGAAGG-3’
yjeKrev	5’-CTGTACTTGCGTTTGTTGCTCTTG-3’
AXyjeKfor2	5’-GATAATCCAGGACATATCAGGCTCC-3’
AXyjeKrev2	5’-TGAAATCAAGCATTCGGCGAG-3’
yjeKHI	5’-CGGATTGCCTTTCTCCATGC-3’
yjeKHIantiP1	5’-GAGAAAGGCAATCCGATTCCGGGGATCCGTCGACC-3’
yfcMfor	5’-TGGTGTTGAGCAAAGACAA-3’
yfcMrev	5’-TCTGCGATGGCTAATGTCAG-3’
cpxArev	5’-CGGTTGTGGGGAAAATAACCC-3’
cpxRfor	5’-TCGGCAGGTTGCAGGGAATATC-3’
cpxRc153a	5’-AGCATTGATTTTGCTTGAAGTAATGATGCCGAAGAAAAATGG-3’
cpxRc153a anti	5’-CCATTTTTCTTCGGCATCATTACTTCAAGCAAAAGTAAATCAATGCT-3’
Primers for RT-PCR	
VirF5’JCFor	5’-CAAAAAGGTGTTCAATGACGGTTA-3’
VirF5’JCRev	5’- TTTGCCCTTCATCGATAGTCAA-3’
VirB2for	5’-TCCAATCGCGTCAGAACTTAACT-3’
VirB2rev	5’-CCTTTAATATTGGTAGTGTAGAACTAAGAGATTC-3’
ipaCfor	5’-CCTGGCAGCCCTATCATCAA-3’
ipaCrev	5’- GCACCGATACCCGTTATACCTACTT’5’
cpxAfor	5’-ACGCTGGTGCTGGTGTTGA-3’
cpxArev	5’-GCTATCCAGAAGCTCGGTCATCT-3’

Probes for RT-PCR

VirF probe	6FAM-5’ CTCAGGCAATGAAAC-3’ MGBNFQ
VirB2 probe	6FAM-5’AGGACTGAAAAGGC-3’ MGBNFQ
ipaC probe	6FAM 5’-CATTACTGGAGCAGTCAC-3’ MGBNFQ
cpxA probe	6FAM 5’-ACCCAAGCTCGATTCA-3’ MGBNFQ

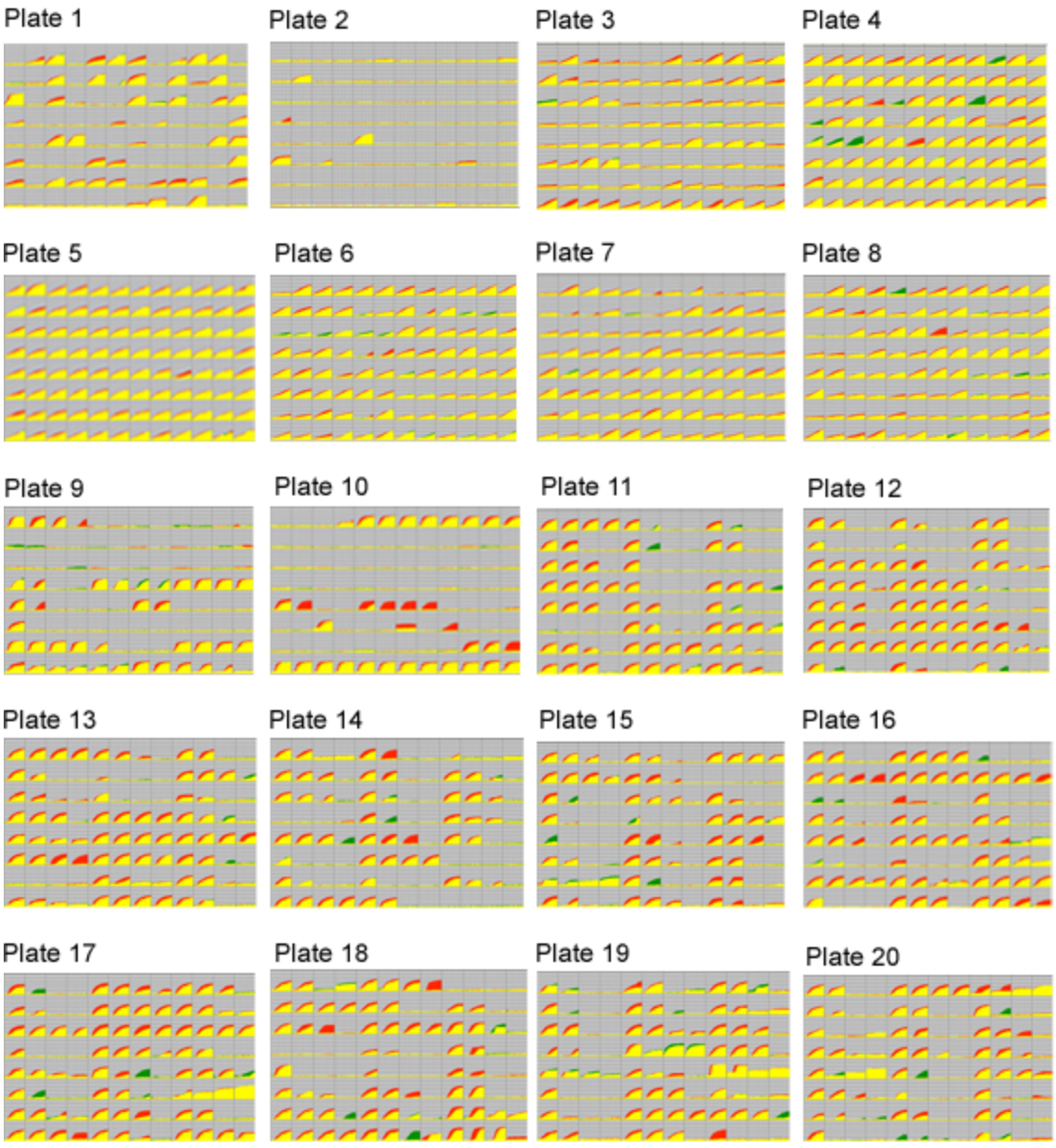

Figure S1. Biolog phenotype microarray analysis of *S. flexneri efp* mutant reveals few metabolic changes compared to WT. Each well tests respiration under a specific growth condition, measured by reduction of a tetrazolium dye. Respiration of 2457T is in red, Δ*efp* (HMS100) is in green. Yellow areas denote overlap in respiration profiles. Detailed description of plates can be found at: http://www.biolog.com.