**Supplementary Materials File S2.** *process\_radtags* command-line usage

1. Single-end sequences were already demultiplexed (ipyrad), thus *process\_radtags* was only used for quality control. No barcode file required:

process\_radtags -p /home/FM/jmercado/CladRad/C\_sandstedei\_demultiplexed\_files/ -o /home/FM/jmercado/CladRad/stacks/samples\_original --inline\_null -e apeKI -t 55 -r -c -q

1. Paired-end sequencing quality control and demultiplexing reads (two plates):

process\_radtags -P -p /home/FM/jmercado/CladRad/201113\_AHLTJKDSXY/Plate1 -o /home/FM/jmercado/CladRad/stacks/Plate1 -b /home/FM/jmercado/CladRad/201113\_AHLTJKDSXY/Plate1/GBS-ApeKI-1-96\_barcodes2\_stacks.txt --inline\_null -e apeKI -t 55 -r -c -q

process\_radtags -P -p /home/FM/jmercado/CladRad/201113\_AHLTJKDSXY/Plate2 -o /home/FM/jmercado/CladRad/stacks/Plate2 -b /home/FM/jmercado/CladRad/201113\_AHLTJKDSXY/Plate2/GBS-ApeKI-2-68\_barcodes2\_stacks.txt --inline\_null -e apeKI -t 55 -r -c -q