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## Starting a MinION sequencing run using MinKNOW

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Works for me

[dx.doi.org/10.17504/protocols.io.7q6hmze](https://doi.org/10.17504/protocols.io.7q6hmze)

ARTICLE



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- 1 If required plug the MinION into the computer and wait for the MinION and flowcell to be detected.
- 2 Choose flow cell 'FLO-MIN106' from the drop-down menu.
- 3 Then select the flowcell so a tick appears.
- 4 Click the 'New Experiment' button in the bottom left of the screen.
- 5 On the New experiment popup screen, select the running parameters for your experiment from the individual tabs:  
**Experiment:** Name the run in the experiment field, leave the sample field blank.  
**Kit: Selection:** Select LSK109 as there is no option for native barcoding (NBD104).  
**Run Options:** Set the run length to 6 hours (you can stop the run once sufficient data has been collected as determined using RAMPART).  
**Basecalling:** Leave basecalling turned but select 'fast basecalling'.  
**Output:** The number of files that MinKNOW will write to a single folder. By default this is set to 4000 but can be reduced to make RAMPART update more frequently.  
Click 'Start run'.
- 6 Monitor the progress of the run using the MinKNOW interface.



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