Status of Positive Recovery from Dead Flies

Gus, Kirstin

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# Discussed

## Change in pooling

* Pooling was abandoned for the reaction and moved to the gel/detection stage
* PCR done on individuals
* pooled PCR results run on gel for examination
* This is probably good as Serap mentioned she did not like the pooled idea bc of low DNA abundance

## Results

* 2 plates tested (~200 individuals)
* Plate 1:
  + **Village:** AKA
  + **Results:** no positives detected
* Plate 2:
  + **Village:** Mix of the high infection villages
  + **Results:** no positives detected

## Observations

* Control rxns with **FLY** primers show expected results
* In control rxn with 100 ng of DNA extracted from known positive flies, she **still** can barely see the band when using the **TRYP** primers
* It is possible that some **false negatives** exist in these data
* Further supports abandoning the pooled PCR rxns for individual rxns

# Current/future plans

* she plans to repeat at least a subset of the rxns using the first rxn as template
* I feel that it would be interesting to see the results of this but fear that it may introduce **false positives** if not confirmed with more stringent conditions.
* such confirmation however is cheap in both time and cost so I think its definitely worth doing.
* more plates are on deck for screening as well

## Estimated time to completion

* two weeks depending on facility load