

## FSS DNA Analysis

**Implementation Plan**

## Project #231 – Verification of STRmix™ v2.8

Task	Detail	Allocated to / target date	Date complete & by who
Presentation of implementation plan to management team	E-mail or add to meeting agenda  Approval of plan	JAH (as soon as document ready)  JAH 3 days post presentation	14/04/2021 JAH
Update procedure/s	Minor updates to Use of STRmix SOP QIS 35007 to be updated	EJC 30/04/2021	
Communication to staff	Detail of minor changes to STRMix from v2.7.0 to v2.8.0 – e-mail with details to all reporting staff and management team.  Information to HP2s regarding change & implementation plan  <i>Details on plan for cutover</i> – soft cutover as v2.7 & v2.8 can be run in parallel – changeover as licences are obtained / PCs updated – STRmix worklist insertion of failed v2.7 sample with PDA note “v2.7 fail” plus other instructions as per usual  Communication regarding running of challenge profiles	CLJ / ADA 23/04/2021  ARM 16/04/2021  JAH 23/04/2021  EJC (e-mail to go out alongside / after above e-mails)	
Develop recommendation of retention of v2.7 licences	Recommendation is to not retain v2.7 - Communication to management team  - Adoption of recommendation or alternative	JAH (in e-mail above)  JAH to record outcome in project records	27/04/2021 JAH Opinions of mgt team saved in project folder.
FR enhancement	FR to be able to read reports generated by v2.8.0 – job to be logged in Azure	JAH - As soon as practical	12/04/2021 JAH



Task	Detail	Allocated to / target date	Date complete & by who
Identify PCs to have new licence	Create a list of PCs that will have the new version installed, and include also order of priority for installation	JAH / ARM 23/04/2021	JAH/ARM 23/04/2021
Obtain and install licences	Liaise with IT to obtain the licences, and install as obtained	JAH / Erin Rhoades	JAH Emailed Erin 04/05/2021.
Provide 3500 settings to IT for inclusion on install	Create folder(s) of only required settings  Provide to Erin Rhoades	EJC (after above task complete)  EJC	
Macro	Check if Macro updates are required for file movement - Engage with SMJ if RJP or TEN required to update Macro	CLJ 16/04/2021	Completed CLJ 16/04/2021
Challenge testing	Challenge profiles to be run in v2.8.0 and checked Each to be run by PC "owner" as soon as practical post install, and to be checked as soon as practical by EJC, CLJ, ADA or ARM as available.	Various	Two priority PCs complete 07/05/2021
Prioritise problem samples	Samples unable to run in v2.7.0 to be run in v2.8.0 - PDA staff to add samples to STRmix worklist with PDA note "2.7 fail" followed by any other instructions  - Communicate to HP2 staff	Done in e-mail above  ARM to liaise with HP2s once licences installed and checked	
Minor Change Register	Entry to be done - once change-over commences - once change over completed	CLJ date TBC  CLJ date TBC	
Assessment of lower RAM PCs	Run samples that didn't run in v2.7 on v2.8 with lower spec ram  Document results in simple one-page document  Provide results to management team	ADA  ADA 23/04/2021  JAH (once document complete)	Complete ADA 21/04/2021  Complete ADA 21/04/2021  Complete JAH 30/04/2021

