

Materials List for:

# A Quantitative Fitness Analysis Workflow

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## Materials

Name	Company	Catalog Number	Comments
Replica Plater	Sigma	R-2508	96 pin manual pintool with 1/8 " diameter pins
Mix Mate	Eppendorf	5353 000.014	
Biomek FX	Beckman	A31842	
Teleshake	Thermo Scientific	50095890	Installed on Biomek FX
BM3-SC	S&P Robotics Inc	BM3-SC	192 shelf rotating carousel
splmager	S&P Robotics Inc	splmager	High resolution manual imaging
splmager with Cytomat	S&P Robotics Inc	Custom	Temperature controlled automated high resolution imaging
Cytomat 6001 with heat exchanger	Thermo Scientific	51022222	Attached to splmager
Ecoline RE207	Lauda	RE207	Attached to Cytomat
splmager with carousel	S&P Robotics Inc	Custom	Automated high resolution imaging
Robot pin tool fixture for FP12pins	V&P Scientific	AFIX96FP12	N/A
96 x FP12 pins	V&P Scientific	FP12	50.4 mm long, 17 mm exposed pin length
Docking Station for Pin Tool	V&P Scientific	VP425	Docking station base removed to allow fan drying of pins
Pin Cleaning Brush	V&P Scientific	VP425	N/A
Replica Plater	Sigma	R-2508	Manual pin tool
Nunc OmniTray with Lid	Nunc	734-0490	N/A
96 well sterile polystyrene plates	Greiner BioOne	655161	N/A
96 well sterile polystyrene lids	Greiner BioOne	656171	N/A

**Table 3.** Specific reagents and equipment.