## Appendix 1

## National Microbiology Framework Agreement Order Form Reference C262535

## FROM

FRUM	
Authority:	The Secretary of State for Health and Social Care as part of the Crown acting through the UK Health Security Agency 10 South Colonnade, London, E14 4PU (the "Authority").
Invoice address:	Post: UK Health Security Agency,10 South Colonnade, London, E14 4PU Email: payables@ukhsa.gov.uk
Contract Manager:	Name: Adam Knight E-mail: adam.knight@ukhsa.gov.uk
Secondary Contact: eg. business operational contact, project manager	Name: Nicholas Moiseiwitsch E-mail: nicholas.moiseiwitsch@ukhsa.gov.uk
Procurement lead	Name: Mantas Lukos E-mail: mantas.lukos@ukhsa.gov.uk
Name and address for notices:	Name: Ainsley Ritchie Email: Ainsley.ritchie@ukhsa.gov.uk Address: UK Health Security Agency,10 South Colonnade, London, E14 4PU
Internal reference (if applicable):	C262535

### TO

Supplier:	ThermoFisher Scientific
Contract Manager:	Name: Phone: E-mail:
Secondary Contact:	Name: Phone: E-mail: TendersUK.Sales@thermofisher.com
Account Manager:	Name: Phone: E-mail:

Name and address for notices:	Name: Address: ThermoFisher Scientific, 102 Fountain Crescent, Inchinnan Business Park, Paisley, PA4 9RE, UK.

# Applicable terms and conditions

The following terms and conditions are applicable to the Contract for this Order:

Appendix A	Call-off Terms and Conditions for the Supply of Goods and the Provision of Services	Applicable to this Contract		
Appendix B	Optional Additional Call-off Terms and Conditions for Installation and Commissioning Services	☐ (only applicable if this box is checked)		
Appendix C	Optional Additional Call-off Terms and Conditions for Maintenance Services	(only applicable if this box is checked)		
Appendix D	Optional Additional Call-off Terms and Conditions for Bespoke Research, Development and Manufacturing Requirements	(only applicable if this box is checked and to the extent the applicable terms are included in Annex A (Order Specific Key Provisions))		
Appendix E	Optional Additional Call-off Terms and Conditions for Reagent Rental	(only applicable if this box is checked)		
Appendix F	Optional Additional Call-off Terms and Conditions for Managed Equipment Services	(only applicable if this box is checked)		
Appendix G	Optional Additional Call-off Terms and Conditions for Clinical Laboratory Diagnostic Testing Services	(only applicable if this box is checked and to the extent the applicable terms are included in Annex A (Order Specific Key Provisions))		
Appendix H	Further Optional Additional Call-off Terms and Conditions  Each of the following clauses in Appendix H is only applicable to this Contract if the relevant box is checked:  1. TUPE applies at the commencement of the provision of Services  2. TUPE on exit  3. Different levels and/or types of insurance  4. Induction training for Services	(only applicable if one or more boxes are checked)		

		of Intellectual Property Rights in materials and outputs of the	
	7. Inclusion of a	Change Control Process	
	3. Authority step	o-in rights	
	9. Guarantee		
	10. Termination f	or convenience	
	11. Pre-Acquisition	on Questionnaire	
	12. Time of the e	essence (Goods)	
	13. Time of the e	ssence (Services)	
	14. Specific time	periods for inspection	
		periods for rights and remedies a 3.6 of Schedule 2 of Appendix	
		inate following a specified aterial breaches	
	17. Expert Deter	mination	
	18. Consigned G	oods	
	opportunities	sibility of Sub-contract available to Small and Medium ses and Voluntary, Community nterprises	
	20. Management	Charges and Information	
	21. COVID-19 re continuity pro	lated enhanced business ovisions	
	22. Buffer stock i	requirements	
	23. Modern slave	ery	
The additional (Order Specific to this Contract	☐ (only applicable if this box is checked)		

#### 1. CONTRACT DETAILS

- (1.1) Commencement Date: Start date shall be on the date of the last person to sign this order form.
- (1.2) Services Commencement Date (if applicable): N/A
- (1.3) Contract Price ((i) breakdown and (ii) payment profile):

Subject to Annex A (Quotation) – the total cost of this service under this contract shall be (£49,196.50) (Excl Vat).

**(1.4) Term of Contract:** This contract shall be deemed to have commenced on the date of the last person to sign this order form.

The expiry date of the contract shall be June 28<sup>th</sup> 2024.

(1.5) Term extension options: N/A

### 2. GOODS AND/OR SERVICES REQUIREMENTS

- **(2.1) Description of the Goods / Services:** The supplier shall provide the service as set out in Annex A (Quotation).
- (2.2) Premises and Location(s) at which the Goods / Services are to be delivered / provided:

Rosalind Franklin Laboratory, Juno Drive, Learnington Spa CV31 3AR

(2.3) Key personnel of the Supplier to be involved in the Goods / Services:

Name:
Phone:
E-mail:

## (2.4) Performance standards:

The Supplier shall provide the services according to the Quotation (annex A) and good industry standards.

## (2.5) Quality standards:

N/A	
(2.6) Contract monitoring arrangements:	
N/A	
(2.7) Management information and meetings:	
N/A	
3. CONFIDENTIAL INFORMATION (if applicable)	
(3.1) The following information shall be deemed Confidential Information:	
- Supplier pricing.	

- Contact details including, but not limited to, email addresses, landline / mobile phone numbers, etc. of Supplier representatives.
- Contact details including, but not limited to, email addresses, landline / mobile phone numbers, etc. of Authority's representatives.
- (3.2) Duration that the information shall be deemed Confidential Information:

N/A

### 4. DATA PROCESSING (if applicable)

(4.1) Personal Data to be processed by the Supplier:

In accordance with the Data Protection Protocol.

### 5. LEASE / LICENSE (if applicable)

(5.1) The Authority is granting the following lease or licence to the Supplier:

N/A

Signed for and on behalf of the Supplier	Signed for and on behalf of the Buyer acting on behalf of

#### Annex A

### Quotation

Life Technologies Limited 3 Fountain Drive Inchinnan Business Park PAISLEY PA4 9RF GREAT BRITAIN TEL: 0141 814 6100 FAX: 0800 243 485

This service order estimate is for instrument: Instrument: 711-85150--KINGFISHER FLEX WITH 96 DEE Instrument serial number: 711-85150

ROSALIND FRANKLIN LABORATORY PRECISION PARK JUNO DRIVE LEAMINGTON SPA Great Britain CV31 3HH

Ticket Number 1788948
Estimate Number 21216979
Date 04.04.2024
Valid to 04.05.2024
Payment Terms Net 30 Days

Ashutosh Sharma Tel:

Fax:

## Service Order Estimate

Quantity	UoM	Part number	Description	Net Price GBP
59	EA	SP-00385	KF FLEX PACKING MATERIALS	17,936.00
59	EA	SP-00400	SPA,TRANSPORT LCK ASSY,KF FLEX	3,510.50
1	PC	4472730	CRATE, SHIPPING SPYDER RC	732.00
59.0	HR	SV000009	SV LABOR	20,178.00
20.0	HR	SV000011	SERVICE LABOR - DISPATCH	6,840.00
			Total	49,196,50
				,
			T. 1. 5 . 1. 5 . 1. 5 . 1. 5 . 1. 5 . 1. 5 . 1. 5 . 1. 5 . 1. 5 . 1. 5 . 1. 5 . 1. 5 . 1. 5 . 1. 5 . 1. 5 . 1.	AT (GBP) 49,196.50
			Total Excluding VA	otal VAT 9,839,30
VAT rate %		Total excluding VAT	VAI Total Include	
20.00%		49,196.50	9,839.30	
			CUSTOMER AGREEMENT	
Approve	rl Rv		<u> </u>	
Print Name			Department	
Position	/ Title		Date Checked for Life Technologies	
To be co	mpleted	by the customer on accept	ance this is an estimate and final repair price will be based upon eff	ective hour and part usage. Page 1 of 1

Registered Office: Life Technologies Limited, 102 Fountain Crescent, Inchinnan Business Park, Paisley, PA4 9RE Company Registration No. SC083107 VAT Registration No. 263 3947 41 Place of Registration - Scotland

#### Annex B -

### Statement of Requirements document



Official: Decommissioning of Equipment at Rosalind Franklin Laboratory

Version: 1

# Decommissioning of Equipment at Rosalind Franklin Laboratory

#### Purpose

The purpose of this project is to decommission the listed lab Equipment safely and efficiently from the Rosalind Franklin Laboratory, ensuring compliance with all relevant health and safety (H&S) regulations and ensuring all parties engaged in the process are aligned and in agreement prior to commencement of any work. This document will act as the statement of requirements for providing quotes and also support any direct face-to-face meetings with all parties.

The UKHSA has equipment originally manufactured by your company, located at Rosalind Franklin Laboratory Rosalind Franklin Laboratory, Juno Drive, Leamington Spa, CV31 3AR and requires that this equipment is removed from the property.

The Supplier is required to disassemble and repackage the named equipment in the Asset List [Section 13] in order for the equipment to be made ready for transport to long term off-site storage.

Equipment shall be disassembled in a manner that ensures it remains capable of being fully operational if required to be reinstated and there is no loss in value of the equipment. Any and all certification necessary to prove such a standard shall be provided by the supplier at the end of the works.

Equipment shall be packaged to a standard that ensures it is fit for transport to off-site storage. Where possible the supplier shall seek to consolidate packaging to minimise the total number of crates and pallets.

The target date for the equipment to be disassembled, packaged and ready for collection is no later than 17 May 2024. This will require co-operation with UKHSA staff and potentially other Equipment Manufacturers in order to ensure the work is completed on time. Time is of the essence and the UKHSA wishes to secure the necessary capacity and time of your staff to ensure equipment is ready for collection on 17 May.

#### Additional Option 1.

Once the equipment is packaged the supplier may be asked to move the crates or pallets to a designated loading area on site. If possible, please provide additional costs and requirements for this function. Access to forklift and handling equipment support from UKHSA warehouse staff will be available. This will be managed by UKHSA.

#### Additional Option 2.

The UKHSA also wishes to understand the Supplier's ability to provide transport to a designated off-site storage facility once the disassembly and packaging work is complete. Moving to and loading of OEM designated vehicles will be completed by UKHSA Warehouse staff. Vehicle load



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planning will be supplied by UKHSA, with joint approval of OEM. This is an option which may be exercised at the behest of the UKHSA and may not be required. If the option to transport is required, the equipment must be collected from the site by no later than 14 June 2024.

#### Scope of Work

- Initial Site Assessment: A thorough site assessment must be conducted to identify how the work will
  be carried out and any potential hazards or obstacles that may need to be addressed before the
  removal process can begin. This assessment should include but not limited to:
  - a. An evaluation of the equipment to be removed (and labelled accordingly)
  - Determine the safe and correct lifting points/methods for the equipment and any off centre, centre of gravity of the equipment
  - c. The site conditions and restrictions (both internal and external, such as site access)
  - d. How and where the equipment is to be isolated?
  - The availability/requirement of heavy equipment (HE), and who is responsible for supplying and operating the HE
  - f. Any potential risks or hazards that may be present in dismantling, in accessing site, and general movement around site and any specific PPE (Personal Protective Equipment) requirements.
  - g. Establish areas, standard required and responsibility for "putting right" such as roof tiles, electrical ducting etc
  - Establish whether another party has responsibility for certain access / complex operations is the landlord responsible for any tasks if so, how will this be funded
- 2. Costing: A detailed breakdown of costs must be provided by the service provider that outlines all fees associated with workforce/labour requirements (or clearly caveated if these are not included e.g. the landlord responsibilities), the stated options, and hire of any HE required to complete the dismantling work. Costs should also clearly indicate whether VAT is applicable or not. Should any additional requirements not initially quoted must be agreed in writing by UKHSA and service provider prior to the additional work being carried out. Any fees incurred that have not been approved in writing, will not be accepted. A change request in any event will be required for auditing purposes in line with contractual obligations.

If the work relies on more than sub-contractors to undertake extrication of equipment and assets then a detailed rules of engagement should be written, considered and upon agreement, signed. This will cover areas such as liabilities and responsibilities ensuring accountabilities at every stage of the programme, in addition an escalation process for supplier, contractor and customer will need to be clearly documented with at least 2 levels of escalation



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3. Timescale: A clear timescale for the removal of the equipment must be agreed upon by all parties, including a detailed schedule of work that outlines the tasks and activities to be completed, as well as the deadlines for each. The timescale should consider any potential delays or obstacles that may arise during the removal process and should be regularly reviewed by the dismantling team and updated as needed. As stated above the target dates for completion should drive the operational timescales and resources should be allocated accordingly.

#### 4. Disassembly, Packing and Wrapping

The Supplier shall survey the equipment in situ and establish plan to disassemble the full list of equipment in the Asset List. The plan shall be shared with the lead UKHSA representative for their consideration, at which point the UKHSA may request reasonable modification to the plan.

The Supplier shall also provide all necessary certification and warranties at the end of the disassembly that the equipment remains fully operational and suitable for redeployment or resale at current market rate.

The Supplier shall package, wrap, and crate the equipment to ensure it is suitable for transport to long term storage.

The suppliers shall also remove any OEM manufactured reagents and inventory that remain in-situ at RFL. This includes items that are deemed surplus to requirements by UKHSA. These items must be removed of and disposed of in line with the organisations policies and industry standards.

- Transport and movement of packaged equipment: The Supplier may be asked to arrange for transport of the decommissioned equipment (as per option 1 2). The UKHSA shall confirm to the Supplier if this option is required.
- 6. Health and Safety: Ensuring the health and safety of all personnel involved in the removal process is a top priority. The scope of work should include detailed H&S procedures and protocols, including any necessary training and certification requirements, personal protective equipment, and emergency response plans. At the very minimum, Risk Assessments and method statements must be provided by the service provider to cover all distinct tasks associated with dismantlement and removal. Potential impact of the scope of work on third parties must be assessed and mitigated in the Method Statement and subsequent Safe Systems of Work. 600

All personnel involved in all aspects of the scope of work, must be suitably trained and evidence of skills provided. All personnel involved should be inducted to the building H&S requirements.



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H&S remains the responsibility of the site location and responsible personnel at this location have overall primacy for its implementation and application. Service providers are therefore required to follow all instructions given by the site personnel, unless the Service provider identifies that instructions would raise the risk level in the scope of work (this maybe a designated individual predetermined by the site). Where H&S relates to dismantling procedures only and not site safety, the service provider will be responsible for correct safety procedures being followed. All personnel must abide by the site's Personal Protection Equipment (PPE) requirements.

- Insurance: Standard UKWA & RHA (Road Haulage Association) insurance will be provided as an
  absolute minimum, should additional insurance be required then a premium will be applicable for this
  schedule.
- 8. Project Closeout: On completion of all activities, the project must be formally closed out. This will involve finalizing all necessary documentation and conducting a final check of the equipment and original site where the equipment was held by UKHSA member of staff to ensure all parties are content that the scope of work has been completed and there are no outstanding issues or remaining assets could be resolved. This will include all-site inspection for any potential damage that may have been caused in the removal process. If such issues are highlighted all parties will agree liability and resolution prior to project closure. All parties to provide signatory that the project is closed with no outstanding points of contention.

#### Communication

Effective communication between all parties involved in the project is crucial for its successful completion. Communication should be made to any third parties that may be affected by the scope of work. Regular meetings should be held between the service provider, UKHSA, and site location representatives. Should any changes be required to the original scope of work, these must be confirmed in writing and agreed by all parties. Any verbal on-site agreements must be followed-up within 24 hours with written confirmation. Any complaints or concerns should also be confirmed in writing from either the service provider or site location to UKHSA. Service provider and site location should not engage independently from UKHSA.

#### Onsite Management/Oversight

The dismantling team should appoint an experienced project manager to oversee the entire removal process, ensuring that all work is completed to a high standard and in compliance with health and safety regulations. On-site manager is to be present on-site until the completion of the project. Any third-party services utilised by the overall service provider must also be project managed and always overseen whilst operating on site.

The location of the equipment is - Rosalind Franklin Laboratory, Juno Drive, Leamington Spa CV31 3AR



Version: 1 Updated: 02/08/2023

The equipment is located - Designated Laboratory areas.

While on site the Supplier shall liaise with named UKHSA staff to ensure they are aware of key activities and where necessary shall seek clarification or authorisation to proceed. UKHSA staff shall be named in advance of the visit.

#### Health & Safety Owner

The dismantling team should appoint a designated H&S owner to ensure that all relevant safety procedures are followed throughout the project, with any incidents documented and presented to UKHSA within H&S protocols. It is envisaged that the adoption of the site owners H&S rules and incident reporting protocols will be utilised to inform the UKHSA of any potential near misses / incidents that have occurred. Up to date ELI / PLI insurance certificates, location of accident book, site safety manuals and first aid provision must be provided by the site owner in advance of any work commencing.

#### Liability

The liability for any damage or injury caused during the removal process should be clearly defined and agreed upon by all parties involved in the project. It should be noted that UKHSA is not liable for any injury or damage caused during the removal project. This should be clearly communicated to all stakeholders involved in the project. The service provider (including any associated subcontractors engaged by the service provider) and site location must provide sufficient evidence to UKHSA of liability policy and insurance where applicable.

## **Damage Penalties**

Any company taking on the dismantling project must be aware that they may incur penalties for any damage caused to the Equipment or the building site during the removal process, where the service provider is proven to be directly liable. It is essential to take all necessary precautions to minimize the risk of damage, and any damage that does occur must be promptly reported to UKHSA and digital photographic evidence taken to support any further actions.

#### Access Rights

The service provider should be granted the necessary access rights to the building location to carry out the removal process prior to the start of the project. Temporary passes with correct access levels should be given to everyone on the team associated with the dismantling work.

## Working Hours



Official: Removal of Government Funded Equipment

Version: 1 Updated: 02/08/2023

The working hours for the removal process should be agreed upon in advance and communicated to all relevant parties.

#### Onsite HE Access

The project team should be granted access to any relevant onsite heavy equipment (HE) required for the removal process.

It is the responsibility of the service provider to have suitably qualified personnel (in-date) to operate any HE. UKHSA reserve the right to request checks on any licenses (qualifications) as required.

#### Additional HE

As part of the removal project, it may be necessary to use additional heavy equipment (HE) to facilitate the dismantling and removal of the Equipment from the site. The service provider will liaise with the UKHSA for any additional HE required for the project, ensuring that the equipment is suitable for the task and meets all necessary safety requirements. Any costs associated with the rental of additional HE should be detailed in the costing.

#### Packing/Wrapping

Packing standard required must be detailed and agreed prior to transportation of the equipment. All equipment should be safely and securely packed and wrapped for transport by the dismantling, following appropriate procedures and guidelines to avoid any damage during transport/storage. Any charges associated with shrink wrapping/bubble wrapping should be included in the costings. This may include machinery required to apply either type of wrapping.

#### Site Condition (Post Dismantling):

The site should be left in a clean and tidy condition post dismantling, with any debris or waste removed from the site. Final sign-off of the site condition should be agreed with on-site company and the service provider, this should align with the standard agreed in the assessment. UKHSA may attend this final sign-off.

#### **Asset List**





Official: Removal of Government Funded Equipment

Version: 1 Updated: 02/08/2023

#### Asset Schematics/Registration

UKHSA should ensure that the service provider has access to assembly line schematics prior to work commencing to allow suitable recording and cross-referencing of asset serial numbers against assembly lines and pallets used for dismantling. It is the responsibility of the service provider to compile a complete list of individual asset serial numbers as well as collective non-serialised items that link to each assembly. Service provider must be able to provide sufficient evidence that all assets have been decommissioned, but also show that they match to the asset schematics for every assembly line dismantled. Photographs will be taken to record assets against the asset / serial number list provided by UKHSA in Excel format

#### Post Dismantling Reports (PDR)

A full PDR must be submitted by the service provider on completion of dismantling. This must include:

- · Completed asset schematic, with asset and serial numbers to each assembly line clearly notated
- A complete pallet inventory that cross-references to the asset schematic by individual assembly line number
- Any non-serialised items (such as ducting or wire looms) should be consolidated into individual
  containers, clearly referenced to separate assembly lines
- Digital photographic evidence of each item pre and post dismantling on pallet must be included
- Any damaged items, assets, building should be clearly referenced and identified in a separate section
  of the report
- Completion statement to confirm site is clear, tidy, and all required assets (countersigned by site company/UKHSA) decommissioned

The Supplier shall ensure all the listed requirements in this document are taken into consideration as part of their initial quotation and subsequent work (if approved via Change Request to the Contract). No provision or term in the Contract shall be overridden by this Change Request.

#### Quotations

Please provide a quote for the following:

Core Requirement:	
	£



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Disassembly and Packaging of all assets on the Asset List to the standard described within this document.	
Option 1:	
Core Requirement plus	£
Movement of packaged equipment to a designated loading site within RFL	
Option 2:	
Core Requirement plus	£
Collection and Delivery to UKHSA offsite storage within the UK	

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## Annex C

## **Item List**

	Α	В	C	D	E	F
1	Instrument Name	Location 🔻	Room ▼	Manufacture 🕶	Model ID ▼	Serial Number
37	CENT_001	LL8	Unboxing/Unbagging	ThermoFisher	75007234	42876591
38	CENT_002	LL8	Unboxing/Unbagging	ThermoFisher	75007234	42930458
39	CENT_003	LL8	Unboxing/Unbagging	ThermoFisher	75007234	42827999
40	CENT_004	LL8	Unboxing/Unbagging	ThermoFisher	75007234	42930459
41	CENT_005	LL9	Sample Preparation	ThermoFisher	75007234	42904305
42	CENT_006	LL9	Sample Preparation	ThermoFisher	75007234	42930456
43	CENT_007	LL9	Sample Preparation	ThermoFisher	75007234	42930460
44	CENT_008	LL9	Sample Preparation	ThermoFisher	75007234	42930457
45	CENT_009	ePCR1	Nexar	ThermoFisher	75007234	42610304
46	CENT_010	ePCR3	Nexar	ThermoFisher	75007234	42828002
127	KF_001	LL1	RNA Extraction	ThermoFisher	5400630	711-85150
128	KF_002	LL1	RNA Extraction	ThermoFisher	5400630	711-85362
129	KF_003	LL1	RNA Extraction	ThermoFisher	5400630	711-85366
130	KF_004	LL1	RNA Extraction	ThermoFisher	5400630	711-85806
131	KF_005	LL1	RNA Extraction	ThermoFisher	5400630	711-85422
132	KF_006	LL1	RNA Extraction	ThermoFisher	5400630	711-85805
133	KF_007	LL1	RNA Extraction	ThermoFisher	5400630	711-85090
134	KF_008	LL1	RNA Extraction	ThermoFisher	5400630	711-85152
135	KF_009	LL2	RNA Extraction	ThermoFisher	5400630	711-85801
136	KF_010	LL2	RNA Extraction	ThermoFisher	5400630	711-85759
137	KF_011	LL2	RNA Extraction	ThermoFisher	5400630	711-85484
138	KF_012	LL2	RNA Extraction	ThermoFisher	5400630	711-86184
139	KF_013	LL2	RNA Extraction	ThermoFisher	5400630	711-86175
140	KF_014	LL2	RNA Extraction	ThermoFisher	5400630	711-86177
141	KF_015	LL2	RNA Extraction	ThermoFisher	5400630	711-85489
142	KF_016	LL3	RNA Extraction	ThermoFisher	5400630	711-85486
143	KF_017	LL3	RNA Extraction	ThermoFisher	5400630	711-8G0759
144	KF_018	LL3	RNA Extraction	ThermoFisher	5400630	711-8G0757
145	KF_019	LL3	RNA Extraction	ThermoFisher	5400630	711-8G0814
146	KF_020	LL3	RNA Extraction	ThermoFisher	5400630	711-8G0861
147	KF_021	LL3	RNA Extraction	ThermoFisher	5400630	711-8G0780
148	KF_022	LL3	RNA Extraction	ThermoFisher	5400630	711-8G0828
149	KF_023	LL3	RNA Extraction	ThermoFisher	5400630	711-8G0821
150	KF_024	LL2	RNA Extraction	ThermoFisher	5400630	711-8G0848
151	KF_025	LL4	RNA Extraction	ThermoFisher	5400630	711-8G0739
152	KF_026	LL4	RNA Extraction	ThermoFisher	5400630	711-8G0738
153	KF_027	LL4	RNA Extraction	ThermoFisher	5400630	711-8G0748
154	KF_028	LL4	RNA Extraction	ThermoFisher	5400630	711-8G0744
155	KF_029	LL4	RNA Extraction	ThermoFisher	5400630	711-8G0811

156	KF_030	LL4	RNA Extraction	ThermoFisher	5400630	711-8G0649
157	KF_031	LL4	RNA Extraction	ThermoFisher	5400630	711-8G0664
158	KF_032	LL4	RNA Extraction	ThermoFisher	5400630	711-8G0798
159	KF_033	LL10	RNA Extraction	ThermoFisher	5400630	711-8G1584
160	KF_034	LL10	RNA Extraction	ThermoFisher	5400630	711-8G1583
161	KF_035	LL10	RNA Extraction	ThermoFisher	5400630	711-8G0754
162	KF_036	LL10	RNA Extraction	ThermoFisher	5400630	711-8G0995
163	KF_037	LL10	RNA Extraction	ThermoFisher	5400630	711-8G1575
164	KF_038	LL10	RNA Extraction	ThermoFisher	5400630	711-8G0842
165	KF_039	LL10	RNA Extraction	ThermoFisher	5400630	711-8G0864
166	KF_040	LL10	RNA Extraction	ThermoFisher	5400630	711-8G0835
167	KF_041	LL11	RNA Extraction	ThermoFisher	5400630	711-8G0727
168	KF_042	LL11	RNA Extraction	ThermoFisher	5400630	711-8G0667
169	KF_043	LL12	RNA Extraction	ThermoFisher	5400630	711-8G0687
170	KF_044	LL11	RNA Extraction	ThermoFisher	5400630	711-8G0657
171	KF_045	LL12	RNA Extraction	ThermoFisher	5400630	711-8G0792
172	KF_046	LL11	RNA Extraction	ThermoFisher	5400630	711-8G1648
173	KF_047	LL11	RNA Extraction	ThermoFisher	5400630	711-8G0770
174	KF_048	LL11	RNA Extraction	ThermoFisher	5400630	711-8G1651
175	KF_049	LL12	RNA Extraction	ThermoFisher	5400630	711-8G1669
176	KF_050	LL12	RNA Extraction	ThermoFisher	5400630	711-8G1656
177	KF_051	LL12	RNA Extraction	ThermoFisher	5400630	711-8G1686
178	KF_052	LL12	RNA Extraction	ThermoFisher	5400630	711-8G0882
179	KF_053	LL12	RNA Extraction	ThermoFisher	5400630	711-8G0865
180	KF_054	LL12	RNA Extraction	ThermoFisher	5400630	711-8G1750
181	KF_055	LL12	RNA Extraction	ThermoFisher	5400630	711-8G0731
182	KF_056	LL12	RNA Extraction	ThermoFisher	5400630	711-8G0990
183	KF_057	LL12	RNA Extraction	ThermoFisher	5400630	711-8G1644
184	KF_058	LL11	RNA Extraction	ThermoFisher	5400630	711-8G1671
185	KF_059	LL11	RNA Extraction	ThermoFisher	5400630	711-8G1657
195	MBSCII_001	LL1	Unboxing/Unbagging	ThermoFisher	1383	300448177
196	MBSCII_002	LL1	Unboxing/Unbagging	ThermoFisher	1383	300447908
197	MBSCII_003	LL1	Unboxing/Unbagging	ThermoFisher	1383	300448166
198	MBSCII_004	LL1	Unboxing/Unbagging	ThermoFisher	1383	300448174
199	MBSCII_005	LL1	Unboxing/Unbagging	ThermoFisher	1383	300448171
200	MBSCII_006	LL1	Unboxing/Unbagging	ThermoFisher	1383	300448168
201	MBSCII_007	LL1	Unboxing/Unbagging	ThermoFisher	1383	300448516
202	MBSCII_008	LL1	Unboxing/Unbagging	ThermoFisher	1383	300447910
203	MBSCII_009	LL1	Sample Preparation	ThermoFisher	1383	300447915
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204	MBSCII_010	ePCR1	PCR	ThermoFisher	1383	300447912
205	MBSCII_011	LL2	Unboxing/Unbagging	ThermoFisher	1383	300450053
06	MBSCII_012	LL2	Unboxing/Unbagging	ThermoFisher	1383	300450055
07	MBSCII_013	LL2	Unboxing/Unbagging	ThermoFisher	1383	300450061
08	MBSCII_014	LL2	Unboxing/Unbagging	ThermoFisher	1383	300450060
09	MBSCII_015	LL2	Unboxing/Unbagging	ThermoFisher	1383	300450067
10	MBSCII_016	LL2	Unboxing/Unbagging	ThermoFisher	1383	300450063
11	MBSCII_017	LL2	Unboxing/Unbagging	ThermoFisher	1383	300450051
12	MBSCII_018	LL2	Unboxing/Unbagging	ThermoFisher	1383	300450070
13	MBSCII_019	LL2	Sample Preparation	ThermoFisher	1383	300450058
14	MBSCII_020	LL3	Unboxing/Unbagging	ThermoFisher	1383	300448750
15	MBSCII_021	LL3	Unboxing/Unbagging	ThermoFisher	1383	300451344
16	MBSCII_022	LL3	Unboxing/Unbagging	ThermoFisher	1383	300463699
17	MBSCII_023	LL3	Unboxing/Unbagging	ThermoFisher	1383	300448518
18	MBSCII_024	LL3	Unboxing/Unbagging	ThermoFisher	1383	300453698
19	MBSCII_025	LL3	Unboxing/Unbagging	ThermoFisher	1383	300453702
20	MBSCII_026	LL3	Unboxing/Unbagging	ThermoFisher	1383	300450065
21	MBSCII_027	LL3	Unboxing/Unbagging	ThermoFisher	1383	300453704
22	MBSCII_028	LL3	Sample Preparation	ThermoFisher	1383	300453705
23	MBSCII_029	LL4	Unboxing/Unbagging	ThermoFisher	1383	300449667
24	MBSCII_030	LL4	Unboxing/Unbagging	ThermoFisher	1383	300449668
25	MBSCII_031	LL4	Unboxing/Unbagging	ThermoFisher	1383	300452626
26	MBSCII_032	LL4	Unboxing/Unbagging	ThermoFisher	1383	300452627
27	MBSCII_033	LL4	Unboxing/Unbagging	ThermoFisher	1383	300449665
28	MBSCII_034	LL4	Unboxing/Unbagging	ThermoFisher	1383	300449666
29	MBSCII_035	LL4	Unboxing/Unbagging	ThermoFisher	1383	300452425
30	MBSCII_036	LL4	Unboxing/Unbagging	ThermoFisher	1383	300449300
31	MBSCII_037	LL4	Sample Preparation	ThermoFisher	1383	300452427
32	MBSCII_038	LL10	Unboxing/Unbagging	ThermoFisher	1383	300453871
33	MBSCII_039	LL10	Unboxing/Unbagging	ThermoFisher	1383	300459232
34	MBSCII_040	LL10	Unboxing/Unbagging	ThermoFisher	1383	300453867
35	MBSCII_041	LL10	Unboxing/Unbagging	ThermoFisher	1383	300460577
36	MBSCII_042	LL10	Unboxing/Unbagging	ThermoFisher	1383	300459240
37	MBSCII_043	LL10	Unboxing/Unbagging	ThermoFisher	1383	300462628
238	MBSCII_044	LL10	Unboxing/Unbagging	ThermoFisher	1383	300459234
39	MBSCII_045	LL10	Unboxing/Unbagging	ThermoFisher	1383	300454158
40	MBSCII_046	LL10	Sample Preparation	ThermoFisher	1383	300454152
41	MBSCII_047	LL11	Unboxing/Unbagging	ThermoFisher	1383	300462402
42	MBSCII_048	LL11	Unboxing/Unbagging	ThermoFisher	1383	300462398

243	MBSCII_049	LL11	Unboxing/Unbagging	ThermoFisher	1383	300463231
244	MBSCII_050	LL11	Unboxing/Unbagging	ThermoFisher	1383	300456490
245	MBSCII_051	LL11	Unboxing/Unbagging	ThermoFisher	1383	300453870
246	MBSCII_052	LL11	Unboxing/Unbagging	ThermoFisher	1383	300457662
47	MBSCII_053	LL11	Unboxing/Unbagging	ThermoFisher	1383	300462943
48	MBSCII_054	LL11	Unboxing/Unbagging	ThermoFisher	1383	300462624
49	MBSCII_055	LL11	Sample Preparation	ThermoFisher	1383	300462626
50	MBSCII_056	LL12	Sample Preparation	ThermoFisher	1383	300459242
51	MDROP_01	LL1	RNA Extraction	ThermoFisher	5840300	836-81840
52	MDROP_02	LL1	RNA Extraction	ThermoFisher	5840300	836-81804
53	MDROP_03	LL2	RNA Extraction	ThermoFisher	5840300	836-81830
54	MDROP_04	LL2	RNA Extraction	ThermoFisher	5840300	836-81817
55	MDROP_05	LL3	RNA Extraction	ThermoFisher	5840300	836-81838
56	MDROP_06	LL3	RNA Extraction	ThermoFisher	5840300	836-81836
57	MDROP_07	LL4	RNA Extraction	ThermoFisher	5840300	836-81813
58	MDROP_08	LL4	RNA Extraction	ThermoFisher	5840300	836-81805
59	MDROP_09	LL10	RNA Extraction	ThermoFisher	5840300	836-81-829
60	MDROP_10	LL10	RNA Extraction	ThermoFisher	5840300	836-81-812
61	MDROP_11	LL11	RNA Extraction	ThermoFisher	5840300	836-81839
62	MDROP 12	LL11	RNA Extraction	ThermoFisher	5840300	836-81826
63	MDROP_13	LL12	RNA Extraction	ThermoFisher	5840300	836-81821
64	MDROP 14	LL12	RNA Extraction	ThermoFisher	5840300	836-81808
68	QUANT_01	ePCR1	PCR	ThermoFisher	4484643	278874698
17	SEAL 001	MK	Other	ThermoFisher	ALPS 5000	390132
18	SEAL 002	LL2	RNA Extraction	ThermoFisher	ALPS 5000	390134
19	SEAL_003			ThermoFisher	ALPS 5000	390143
20	SEAL_004	LL8	Unboxing/Unbagging	ThermoFisher	ALPS 5000	390151
21	SEAL 005	off site	off site	ThermoFisher	ALPS 5000	390159
22	SEAL_006	LL11	RNA Extraction	ThermoFisher	ALPS 5000	390158
23	SEAL 007	off site	off site	ThermoFisher	ALPS 5000	390154
24	SEAL_008	LL8	Unboxing/Unbagging	ThermoFisher	ALPS 5000	390153
25	SEAL 009	LL8	Unboxing/Unbagging	ThermoFisher	ALPS 5000	390152
26	SEAL_010	LL1	RNA Extraction	ThermoFisher	ALPS 5000	390144
27	SEAL_011	LL4	RNA Extraction	ThermoFisher	ALPS 5000	390155
28	SEAL 012	LL2	RNA Extraction	ThermoFisher	ALPS 5000	390156
29	SEAL 013	LL3	RNA Extraction	ThermoFisher	ALPS 5000	390157
34	TR_KF_001	Wellesbourne	RNA Extraction	ThermoFisher	5400630	711-85146
35	TR_KF_002	Wellesbourne	RNA Extraction	ThermoFisher	5400630	711-85222
36	TR_KF_003	Wellesbourne	RNA Extraction	ThermoFisher	5400630	711-85847
37	TR_KF_004	Wellesbourne	RNA Extraction	ThermoFisher	5400630	711-85224
38			Unboxing/Unbagging	ThermoFisher	1383	300450074
39	_		Unboxing/Unbagging		1383	300453703
40	_		Unboxing/Unbagging	ThermoFisher	1383	300453703
41	_		Unboxing/Unbagging		1383	300453701
41	_				1383	
	_		Unboxing/Unbagging			300453697
43	_		Unboxing/Unbagging	ThermoFisher	1383	300453706
44	_	Wellesbourne	RNA Extraction	ThermoFisher	5840300	836-81807
45	TR_MDROP-002	Wellesbourne	RNA Extraction	ThermoFisher	5840300	836-81822