

Table 1: Testing which FAST5 attributes/datasets are constant and variable

Dataset	ecoli_2kb_region	QLAAA162361	FXFE033951	GZFN211103	James MultiFAST5	rna-test-readfish-enable MLFN281166 MLFN292174-2 "2.2" "2020-11-26T23:54:52Z" "2020-12-01T05:53:26Z" "2020-12-10T01:28:21Z"
file_version	0.6	0.6	"1.0"	"2.2"	"2.2"	
exp_start_time	"1481657610"	"2019-01-22T03:16:18Z"	"2019-09-06T00:04:23Z"	"2020-09-29T00:33:48Z"	"2020-11-30T06:34:57Z"	
Variable						
PreviousReadInfo	previous_read_id previous_read_number					
[Read...Raw]	duration	...	...	end_reason	...	...
	median_before	...	...	...	...	...
	read_id	...	...	...	...	...
	read_number	...	...	...	...	...
	start_mux	...	...	...	...	...
	start_time	...	...	...	...	...
	Signal	...	...	...	...	...
channel_id	channel_number	...	...	...	...	...
	offset	...	...	...	...	...
Constant						
/	file_version			file_type	...	...
read...	pore_type		...	...	...	...
	run_id		...	...	...	...
Raw	start_mux					
channel_id	digitisation	...	...	...	...	...
	range	...	...	...	...	...
	sampling_rate	...	...	...	...	...
context_tags	barcoding_enabled			barcoding_kits	...	...
	basecall_config_filename			...	...	...
	experiment_duration_set	...	...	...	...	...
	experiment_type	...	...	...	...	...
	fast5_output_fastq_in_hdf	...	...	...	...	...
	fast5_raw	...	...	...	...	...
	fast5_reads_per_folder	...	...	...	...	...
	fastq_enabled	...	...	...	...	...
	fastq_reads_per_file	...	...	...	...	...
	experiment_kit	...	...	...	...	...
	filename	...	...	...	...	...
	flowcell_type	...	...	...	...	...

		kit_classification				
		local_basecalling	...	...	...	...
			package	...	...	...
			package_version	...	...	...
		local_bc_comp_model				
		local_bc_temp_model				
	sample_frequency	...	...	...	...	...
		sequencing_kit	...	...	...	...
	user_filename_input	...				
tracking_id	asic_id	...	...	...	...	...
	asic_id.eeprom	...	...	...	...	...
	asic_temp	...	...	...	...	...
		asic_version	...	...	...	...
	auto_update	...	...	...	...	...
	auto_update_source	...	...	...	...	...
	bream_core_version					
	bream_is_standard	...	...	...	...	...
	bream_map_version					
	bream_ont_version					
	bream_prod_version					
	bream_rnd_version					
				configuration_version	...	...
	device_id	...	...	...	...	...
		device_type	...	...	...	...
			distribution_status	...	...	...
			distribution_version	...	...	...
	exp_script_name	...	...	...	...	...
	exp_script_purpose	...	...	...	...	...
	exp_start_time	...	...	...	...	...
			flongle_adapter_id			
	flow_cell_id	...	...	...	...	...
			flow_cell_product_code...	...	...	...
			guppy_version	...	...	...
	heatsink_temp	...	...	...	...	...
	hostname	...	...	...	...	...
	installation_type	...	...	...	...	...
	local_firmware_file	...	...	...	...	...
	operating_system	...	...	...	...	...
			protocol_group_id	...	...	...
	protocol_run_id	...	...	...	...	...
	protocols_version	...	...	...	...	...
	run_id	...	...	...	...	...
		sample_id	...	...	...	...
	usb_config	...	...	...	...	...
	version	...	...	...	...	...