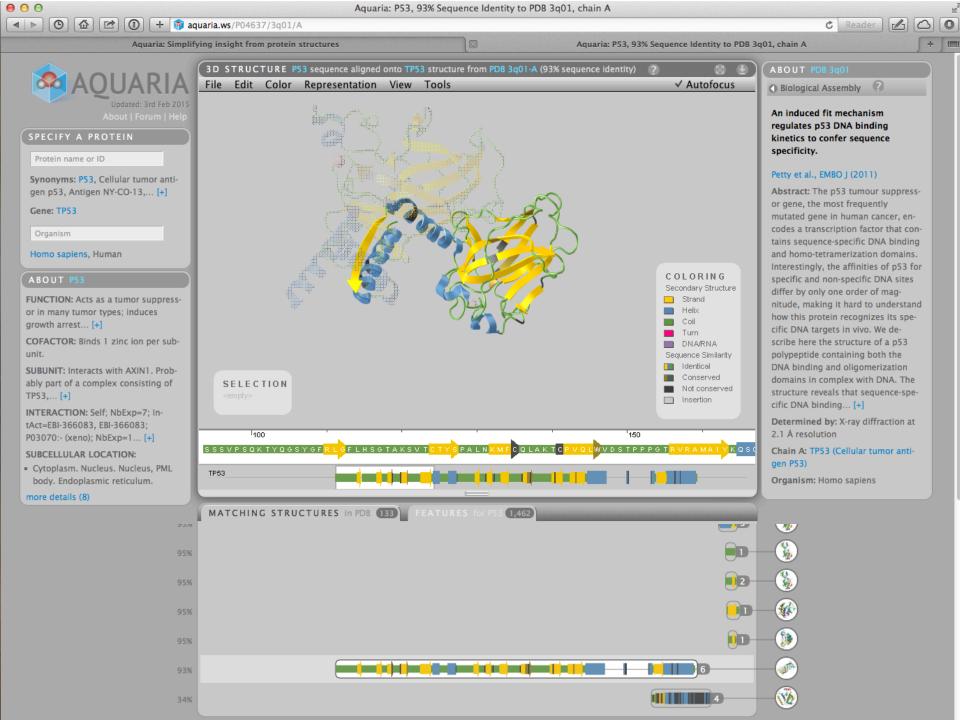
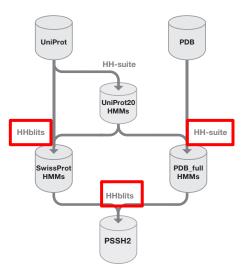
00 Aquaria: Simplifying insight from protein structures 🕑 🙆 🖻 📵 🕂 🖗 aquaria.ws C Reader + Aquaria: Simplifying insight from protein structures Aquaria: P53, 93% Sequence Identity to PDB 3q01, chain A Please specify a Human protein. SPECIFY A PROTEIN P53 Or, specify a new default organism. P53 (P04637, 3q01) P53 p53 and DNA damage-regulated IQ motif protein p53 and DNA damage-regulated protein 1 p53 target protein in deacetylase complex p53 up-regulated modulator of apoptosis p53-activated gene 608 protein p53-associated cellular protein of testis p53-associated parkin-like cytoplasmic protein p53-binding protein 1 p53-binding protein 2 P53004 (UniProt) P53005 (UniProt) P53007 (UniProt) P53025 (UniProt) P53041 (UniProt) P53350 (UniProt) P53355 (UniProt) P53365 (UniProt) P53367 (UniProt) P53370 (UniProt) MATCHING STRUCTURES in PDB FEATURES

R<sub>M</sub>

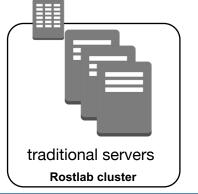


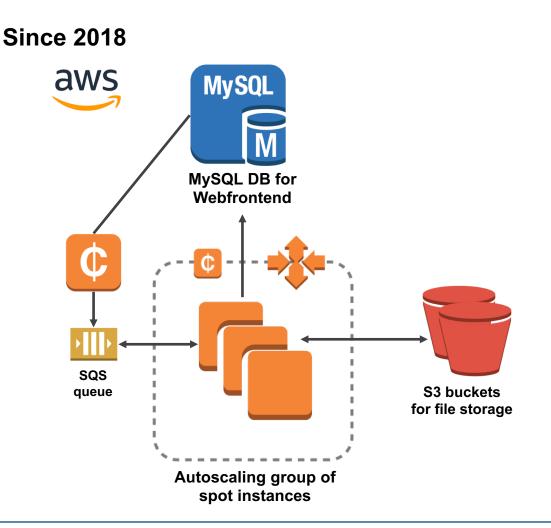


## Moving to the cloud



Until end of 2017





# 

### Launch configuration

Crea	te launch configu	uration Create	Auto Scaling grou	Actions *	단 🕈 🛛
Filter:	Q Filter launch	configurations	×	I< <	1 to 11 of 11 Launch Configurations >>
	Name 🔺	AMI ID -	Instance Type 👻	Spot Price -	Creation Time
	submitToQueu	ami-710e2414	m4.large	0.03	January 26, 2018 6:26:26 PM U
	submitToQueu	ami-710e2414	m4.large	0.03	January 26, 2018 1:35:10 PM U
	build_pdb_full	ami-e282a987	c4.xlarge	0.04	January 25, 2018 8:41:23 PM U
	build_pdb_full	ami-e282a987	c4.8xlarge	0.4	January 25, 2018 12:01:19 AM
			ũ	0.0	

#### Launch Configuration: build\_pdb\_full\_40ct\_200G\_tmp

Details

			Copy launch configuration
AMI ID	ami-e282a987	Instance Type	c4.xlarge
IAM Instance Profile	pssh3cache_plus_SQS	Kernel ID	
Key Name	AndreaMac	Monitoring	false
EBS Optimized	false	Security Groups	sg-71bc4b1a
Spot Price	0.04	Creation Time	Thu Jan 25 20:41:23 GMT+100 2018
RAM Disk ID		Block Devices	/dev/sdb /dev/xvda
User data	View User data	IP Address Type	Assign a public IP address to every instance.

## RØSTLAB.

### User data: Automatically configuring machines

#!/bin/bash # script to run as user-data on the node that builds the hhblits database set -x exec > >(tee /var/log/user-data.log|logger -t user-data ) 2>&1 yum update -y yum upgrade -y yum groupinstall -y "Development Tools" yum install -y python-pip lvm2 git yum install -y cmake mysql yum install -y openmpi-devel mkdir /mnt/resultData mkfs -t ext4 /dev/xvdb mount /dev/xvdb /mnt/resultData/ REGION=`wget -g 169.254.169.254/latest/meta-data/placement/availability-zone -O- | sed 's/.\$//'` mkdir /home/ec2-user/git chmod a+tw /home/ec2-user/git cd /home/ec2-user/git git clone https://github.com/soedinglab/hh-suite.git cd hh-suite/ git submodule init git submodule update