# **Request for bed file creation**

Use this form to request the creation of a single BED file (one Pan number). If RPKM and coverage bedfiles are required please submit these on seperate forms.

**Instructions:**

* **Add genes symbols and/or transcripts to a panel in Moka**
* **Add panel description to Moka**
* **Answer following questions:**

1. **Pan number of bed file to be created:**  
   Pan3613
2. **Panel description/name**

|  |  |  |
| --- | --- | --- |
| **Category** | **SubCategory** | **Panel** |
| VCP2\_Variant\_v2p1 | -10/+10, 5UTR-10/+10, 5UTR,+Pan3607,+Pan3609, Pan3611,+Pan3612 | VCP2\_Variant\_v2p1 - -10/+10, 5UTR-10/+10, 5UTR,+Pan3607,+Pan3609, Pan3611,+Pan3612 |

1. **Is this BED file for RPKM?** (delete as appropriate)

No

1. **Is this BED file exclusively based on coordinates provided by a supplier** (e.g SNP identity kits).

No

* 1. If yes, does this need further padding?

N/A

1. **Should specific transcripts be used to create the bed file? (as opposed to all transcripts)** (delete as appropriate)

Specific transcripts - see Moka and attached file 

* 1. **If specific transcripts are to be used have you provided multiple transcripts for the same gene?** (if Yes please state)

No

1. **What padding is required around the exons?**

10bp

1. **Should UTRs be included for ALL genes?** (delete as appropriate)

5’ only

* 1. **Should UTRs be padded?**

50bp

1. **Are UTRs required for SOME genes?** (delete as appropriate)

5’ only

* 1. **Please list genes/transcripts.**

APC NM\_000038

ATM NM\_000051

BMPR1A NM\_004329

BRCA1 NM\_007294

BRCA2 NM\_000059

BRIP1 NM\_032043

CDH1 NM\_004360

CHEK2 NM\_007194

EPCAM NM\_002354

GREM1 NM\_013372

MLH1 NM\_000249

MSH2 NM\_000251

MSH3 NM\_002439

MSH6 NM\_000179

MUTYH NM\_001128425

NBN NM\_002485

NTHL1 NM\_002528

PALB2 NM\_024675

PMS2 NM\_000535

POLD1 NM\_001256849

POLE NM\_006231

PTEN NM\_000314

RAD51C NM\_058216

RAD51D NM\_002878

RNF43 NM\_017763

SMAD4 NM\_005359

SMARCA4 NM\_001128849

STK11 NM\_000455

TP53 NM\_000546

* 1. **Should UTRs be padded?**

50bp

1. **Any additional BED files to be included in this BED file?** Yes

Please state Pan numbers of additional bed file(s)

Pan3607

Pan3609

Pan3611

Pan3612

1. **Are any further regions required to be added?**

None

Please provide genomic coordinates for target regions

Please describe region eg UTR, intronic site.

Does the given regions require padding?

Eg: Chr1:123456-234567 5’ UTR for Gene ABC. Add 10bp padding

**Requested by:** Michael Yau

**Requested date:** 21/04/2020