# **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:**  
   Pan4086
2. **Panel description/name**

|  |  |  |
| --- | --- | --- |
| **Category** | **SubCategory** | **Panel** |
| BRCA\_full\_SNV | -10/+10. CHEK2 only Chr22:29091857 | BRCA\_full\_SNV -10/+10. CHEK2 only Chr22:29091857 |

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

BRCA1 – NM\_007294

BRCA2 – NM\_000059

PALB2 - NM\_024675

* 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)

No

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

N/A

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

N/A

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

N/A

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

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

No

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

Yes:

* Chr17:41256984 (BRCA variant present at -11)
* Chr22:29091857 Only variant in CHEK2 (other variants may be incidental findings)

**Requested by: Michael Yau**

**Requested date: 15**/12/2020